

# Data 3

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*Information on Factories  
(Point Pollution Sources)*

## **3 Information on Factories (Point Pollution Sources)**

### **3.1 Environmental Passport**

Information contained in an environmental passport is as follows. It should be noted the contents of an environmental passport differ from each factory.

#### **a. Contents**

The contents of an environmental passport are presented below.

##### **Introduction**

1. General Information of the Factory
2. Brief Description of Climatic Conditions on the Factory
3. Brief Description of the Production
4. Information on land use
5. Description for Raw Material and Subsidiary Material
6. Description for Energy Consumption
7. Description for Air Emission Sources
8. Description for Water Consumption, Waste Water Collection and Treatment
9. Description for Wastes generating at the Facility
10. Information on Rehabilitation of Polluted Land
11. Information on Factory Vehicles
12. Information on Environmental Protection and Financial Activity of the Factory
13. Literature

##### **Appendix**

1. Map 1 (Boundary of Control Area)
2. Map 2 (Air emission sources)
3. Map 3 (Location of Water and Wastewater Pipelines)

#### **b. Details Information**

##### **1. General Information of the Factory**

- 1.1 Name of the Factory  
Business Activities of the Factory
- 1.2 Address
  - 1.2.1. Postal
  - 1.2.2. Telegraphic ( outdated )

- 1.2.3. Teletype (outdated)
- 1.3 Names and Telephone Number of
  - 1.3.1 Director
  - 1.3.2 Chief Engineer
  - 1.3.3 Officials, responsible for Environmental Protection
- 1.4 Number of Bank Account and the Name of the Bank
- 1.5 State Supervisory Organization
  - 1.5.1 Name and Address of Designer (for the Factory)
  - 1.5.2 Name and Telephone Number of
    - a. Director
    - b. Chief Engineer of the Project
- 1.6 Information for Supervisory Organizations
  - 1.6.1 Names
  - 1.6.2 Addresses
  - 1.6.3 Telephone Number
  - 1.6.4 Name of the Establisher of the Environmental Passport
- 1.7. Description for Air Emission for Ranking the Factory from the Point of Environmental Impact
  - 1.7.1 Number of Air Pollutant
  - 1.7.2 Name of Air Pollutants
  - 1.7.3 Standard Concentration for 31 Air Pollutants (mg/m<sup>3</sup>)
  - 1.7.4 Amount of Air Pollutants generated in the Factory (t/y)
  - 1.7.5 Hazardous Level of 31 Air Pollutants
  - 1.7.6 Volume of the Polluted Waste Gas based on Standard Concentration without consideration for Hazardous level for each Pollutant (Gm<sup>3</sup>/y)
  - 1.7.7 Correction Factor
  - 1.7.8 Volume of the Polluted Waste Gas based on Standard Concentration with consideration for Hazardous level for each Pollutant (Gm<sup>3</sup>/y)

## **2. Brief Description of Climatic Conditions on the Factory**

- 2.1 Natural and Climatic Characteristics of the Region  
(Temperature, Wind Direction and Speed, Others)
- 2.2 Nearest Monitoring Point Data (SO<sub>2</sub>, NO<sub>2</sub>, Dust, CO)
  - 2.2.1 Number of the Monitoring Point
  - 2.2.2 Location of the Monitoring Point (on X axis )
  - 2.2.3 Location of the Monitoring Point (on Y axis )
  - 2.2.4 Name of Pollutant
  - 2.2.5 Wind Velocity (m/s)
  - 2.2.6 2.2.10 Wind Direction

## **3. Brief Description of the Production or Services**

- 3.1 Department of Production or Services
  - 3.1.1 Name of Department
  - 3.1.2 Name of the Production or Service
  - 3.1.3 Code Number of each Production or Service
  - 3.1.4 Unit of next column (for each Department) (manat)
  - 3.1.5 Sales figure of the Production or Services ( for all Department )  
according to Plan

3.1.6 Sales figure of the Production or Services ( for all Department )  
Practically

**4. Information on Land Use**

4.1 Information on Land Use for Production or Services Only

4.1.1 Name of Dept (Main, Subsidiary, Others)

4.1.2 Land Area for each Dept ( $10^3 \text{ m}^3$ )

4.1.3 Note

4.2 Information on Land Use for Factory

4.2.1 Total Area for Permanent use (ha)

a. Production or Services Area

a.1 Building with Main Production or Service (ha)

a.2 Building with Subsidiary Production or Services (ha)

a.3 Building with Others (Administrative and Domestic use) (ha)

b. Paving Area (Asphalt, Road, Others) (ha)

c. Waste Disposal Dumping Area (ha)

d. Waste Collection and Storage Area (ha)

e. Green Area (ha)

4.2.2 Sanitary Protection Area (ha)

4.2.3 Total Area for Temporary Use (ha)

a. Storage Area for Construction (ha)

b. Road Area (ha)

c. Pipe Line Space Area (ha)

d. Transmission Area (ha)

e. Other Area (ha)

**5. Description for Raw material and Subsidiary Material**

5.1 Name of Raw Materials and Subsidiary Materials

5.2 Code Number of Raw Materials and Subsidiary Materials

5.3 Chemical Composition of the Raw Materials and Subsidiary Materials

5.4 Name of Production or Services made from these Raw Materials

5.5 Unit for the Next Column (ton)

5.6.1 Consumption of Raw Material per Each Production or Service  
(unit consumption) according to Plan (ton/ton, or ton/service unit )

5.6.2 Consumption of Raw Material per Each Production or Service  
(unit consumption) practically (ton/ton or ton/service unit )

5.7 Total Consumption of Raw Materials per year (t/y)

**6. Description for Energy Consumption**

6.1 Characteristics of Energy Consumption

6.1.1 Name of Energy Sources

(Electricity, Gas, Gasoline, Diesel, LPG(Propane, Butane)  
Thermal Energy)

6.1.2 Unit ( $10^3 \text{ Kw/h}$ ,  $10^3 \text{ m}^3$ , ton, ton,  $10^9 \text{ cal}$  (=Gcal) for Consumption)

6.1.3 Yearly Consumption of each Energy Sources (Each Unit/y)

6.1.4 Conversion Factor to Special Unit TYT

6.1.5 Yearly Consumption of each Energy Sources (TYT Unit/y)

## 6.2 Energy Consumption for Each Production or Service

### 6.2.1 Name of Production or Services

### 6.2.2 Types of Energy Source

(Electricity, Gas, Black Oil, Coal, Others )

#### a. Electricity

##### a.1 Total (TYT/y)

##### a.2 Per Product or Service Element (TYT/y/Each element) (unit consumption)

#### b. Gas

##### b.1 Total (TYT/y)

##### b.2 Per Product or Service Element (TYT/y/Each element) (unit consumption)

#### c. Black Oil

##### c.1 Total (TYT/y)

##### c.2 Per Product or Service Element (TYT/y/Each element) (unit consumption)

#### d. Coal

##### d.1 Total (TYT/y)

##### d.2 Per Product or Service Element (TYT/y/Each element) (unit consumption)

#### e. Others

##### e.1 Total (TYT/y)

##### e.2 Per Product or Service Element (TYT/y/Each element) (unit consumption)

#### f. Thermal Energy Total (TYT/y)

##### f.1 Per Product or Service Element (TYT/y/Each element) (unit consumption)

##### f.2 From the Boilers of the Factory (TYT/y)

##### f.3 From Subsidiary Resources (outside) (TYT/y)

## 7. Description for Air Emission Sources

### 7.1 Characteristics of Each Air Emission Sources

#### 7.1.1 Stack or Discharge Point Information

##### a. Name of Emission Source

##### b. Height of the Emission Sources (m)

##### c. Size of the mouth (m)

#### 7.1.2 Number of Emission Sources

#### 7.1.3 Emission Generating Facilities and Equipment

#### 7.1.4 Name of Air Pollutants

#### 7.1.5 Code Number of Air Pollutants

#### 7.1.6 Amount of Pollutant discharged from Each Emission Sources (t/y)

#### 7.1.7 Name of Dust and Waste Gas Treatment Facilities

##### a. Performance (Pollutant Removal Ratio ) according to Project (%)

##### b. Performance (Pollutant Removal Ratio ) Practically (%)

#### 7.1.9 Capital Investment for Waste Gas Treatment Facilities ( $10^3$ manats)

#### 7.1.10 Amount of Pollutant discharged into Atmosphere

##### a. Max ( g/sec) at a moment

##### b. Annual Total (ton/y)

- c. Annual Total per Production or Service element (ton/y/each element)
  - d. Volume of Waste Gas at the Outlet ( $m^3/sec$ )
  - e. Temperature of the Waste Gas ( )
- 7.2 Characteristics of Total Emission from the Factory
- 7.2.1 Name of Pollutant (Dust,  $SO_2$ ,  $NO_2$ , CO, HC, HCl, Oxidant, HF,  $NH_3$ , Cl, CN, VOC (Benzene, Xylene, Toluene, Ethylene, Propylene, Butylene, Isobutylene, Isoprene, Petrol, Acetone, Alcohol, Phthalate, Styrene), etc.
  - 7.2.2 Amount of Pollutant from All the Emission Sources of the Factory (t/y)
    - a. Discharged without Treatment (t/y)
    - b. Discharged with Treatment (t/y)
      - a.1 From discharged with Treatment, Amount of Neutralized (t/y)
      - a.2 From discharged with Treatment, Amount of Utilized (t/y)
  - 7.3.1 Total Amount of Pollutant Discharge into the Atmosphere from the Factory (practically) (t/y)
  - 7.3.2 Total Amount of Pollutant Discharge into the Atmosphere from the Factory (practically) (t/y) collected
  - 7.3.3 Collected and neutralized Pollutants in % in compare with total
- 7.4 Limit of permitted Discharge of Pollutant (t/y)
- 7.5 Excess of Permitted Discharged of Pollutant (t/y)

## 8. Description for Water Consumption, Waste Water Collection and Treatment

- 8.1 Description of Water Collection and Water Consumption
- 8.1.1 Amount of Water taken from Water Bodies and Water Distribution in the Factory ( $m^3/d$ ) (Domestic Use, Industrial Use)
  - 8.1.2 Sea Water Usage in the Factory ( $m^3/d$ )
  - 8.1.3 Water Use in the Factory
    - a. Number of Water Supply from Outside
    - b. Name of Water Body or System. Way of measurement
    - c. Year and Limit of Water Intake ( $10^3m^3/y$ )
    - d. Amount of Water Received ( $10^3m^3/y$ )
    - e. Amount of Water Consumption
      - e.1 By Plan ( $10^3m^3/y$ )
      - e.2 Practically ( $10^3m^3/y$ )
        - e.2.1 Total for Industry Use ( $10^3m^3/y$ )
        - e.2.2 for Domestic Use in Industry Use ( $10^3m^3/y$ )
        - e.2.3 Total for Auxiliary Use ( $10^3m^3/y$ )
        - e.2.4 for Domestic Use in Auxiliary Use ( $10^3m^3/y$ )
      - e.3 Domestic Use for Ecology ( $10^3m^3/y$ )
        - e.3.1 Given to Other Organization Total ( $10^3m^3/y$ )
        - e.3.2 Given to Other Organization for Domestic Use ( $10^3m^3/y$ )
        - e.3.3 Given to Other Organization for After Use ( $10^3m^3/y$ )
      - e.4 Loss while Transporting ( $10^3m^3/y$ ) ( $10^3m^3/y$ )
- 8.2 Description of Waste Water Sources
- 8.2.1 Name of Waste Water Sources
  - 8.2.2 Regime of Discharge

- 8.2.3 Monitoring Equipment
- 8.2.4 Name of Water Pollutants (Suspended Solid, COD, BOD, PH, NH<sub>4</sub>-N (Ammonium Nitrogen), NO<sub>2</sub>-N (Nitrites Nitrogen), NO<sub>3</sub>-N (Nitrites Nitrogen), Total Nitrogen, Total Phosphate, DO (Dissolved Oxygen), Oil ) for All Waste Water, CN,F, As, Lead, Cu, PH, Zn, Fe, Ni, Cd, HCHO, Cr, Co, Phenol, Detergent, Chloride, Sulfate
- 8.2.5 Code Number of Pollutant
  - a. Practical Average Concentration of Pollutant (mg/litter)
  - b. Practical Maximum Concentration of Pollutant (mg/litter)
  - c. Practical Amount of Discharge (g/h)
  - d. Practical Amount of Discharge (ton/y)
  - e. Allowable Limit of the Water Pollutant to Discharge (g/h)
  - f. Allowable Limit of the Water Pollutant to Discharge (ton/y)
  - g. Permissible Emission Concentration (mg/litter)
  - h. Excess Discharge (t/y)
- 8.3 Description of Treatment Facilities
  - 8.3.1 Years (year of the construction)
  - 8.3.2 Name of Facility and Main Process (Treatment Method)
    - a. Capacity to the Project (m<sup>3</sup>/h)
    - b. Capacity Practically (m<sup>3</sup>/h)
  - 8.3.4 Efficiency of the Facility
    - a. Name of Pollutants (water)
    - b. Code of Pollutants
    - c. Average Concentration of Received Water according to Plan (mg/litter)
    - d. Average Concentration of Discharged Water according to Plan (mg/litter)
    - e. Average Concentration of Received Water Practically (mg/litter)
    - f. Average Concentration of Discharged Water Practically (mg/litter)
- 8.4 Description of Water-Recirculation Systems
  - 8.4.1 Number of Water Recirculation System
  - 8.4.2 Name of Plant and Department
  - 8.4.3 Water Recirculation System
    - a. Water Recirculation
      - a.1 Water Consumption according to Plan (10<sup>3</sup>m<sup>3</sup>/y)
      - a.2 Water Consumption Practically (10<sup>3</sup>m<sup>3</sup>/y)
      - a.3 Make Up Consumption (10<sup>3</sup>m<sup>3</sup>/y)
      - a.4 Make Up Ratio (%)
    - b. Type of Recirculation System
    - c. Characteristics of Water Preparation
    - d. Mechanical Recurring System
      - d.1 Primary Water Use (Plant, Purpose)
      - d.2 Secondary water Use (Plant, Purpose)
        - d.2.1 Consumption according to Plan (10<sup>3</sup> m<sup>3</sup>/y)
        - d.2.2 Consumption Practically (10<sup>3</sup> m<sup>3</sup>/y)
        - d.2.3 Note

## 9. Description for Waste Generated at the Factory

- 9.1 Wastes for Recycle
  - 9.1.1 Number of the Waste Recycled
  - 9.1.2 Name the Waste Recycled
  - 9.1.3 Name of the Organization, which receive (utilize) the waste
- 9.2 Wastes for Treatment and Disposal
  - 9.2.1 Name of the Waste
  - 9.2.2 Code No
  - 9.2.3 Manufacturing Process Where Waste are generated
  - 9.2.4 Class of Danger of Waste
  - 9.2.5 Chemical Components of Each waste (%)
  - 9.2.6 Physicochemical Character of the Waste
    - a. Fire Risk
    - b. Explosion Proof
    - c. Dissolubility
    - d. Humidity
  - 9.2.7 Presence of Waste in the Organized Store Place (Burial Place)
    - a. Total Accumulated (ton)
    - b. Including those which were used last year (t/y)
  - 9.2.8 Waste generated (ton/y)
    - a. Total (ton/y)
    - b. Given to Other Enterprises or Factories (ton/y)
    - c. Used in the Factory (ton/y)
    - d. Neutralized (Treated into harmless ones) (ton/y)
    - e. Waste buried under the Ground or Storage
      - e.1 at the Balance of the Factory (ton/y)
      - e.2 at the Balance of Other Enterprises or Committee (ton/y)
    - e.3 Presence of Permission for Storage (burial) of Waste (ton/y)
    - f. Periodicity (Frequency) of the Waste Generation
    - g. Cause of Waste Disuse
    - h. Permissible Quantity of the Waste Generation (ton/y)
    - i. Amount of the Waste Generated excess the Permissible Limit (ton/y)
- 9.3 Characteristics of Ground and Storage for the Waste Disposal
  - 9.3.1 Name of the Waste Disposal (Final Storage) Site
  - 9.3.2 Area of the Waste Disposal (Final Storage) Site (ha)
  - 9.3.3 Sanitary Protected Area (m)
  - 9.3.4 Capacity ( $10^3$ ton/y)
  - 9.3.5 Period of Operation (y)
  - 9.3.6 Type of anti- filtration screen (construction type)
  - 9.3.7 Characteristics of Discharge System (Treatment of rain, melted and drainage water, and its quality)
  - 9.3.8 Monitoring System of Environmental Condition
  - 9.3.9 Kind(appearance) of the Waste ( visual figure: solid, sludge, etc )
  - 9.3.10 Expenses for the Final Disposal (Storage) (manat/y)

## **10. Information on Rehabilitation of Polluted Land and Removal of Polluted Soil Layer (ha)**

- 10.1 Total Area Polluted (ha)



- 10.2 Total Area Rehabilitated (ha)
- 10.3 Area Rehabilitation
  - 10.3.1 Total Rehabilitation Area on the Plan (ha)
  - 10.3.2 Total Rehabilitated Area Practically (ha)
  - 10.3.3 Rehabilitation Area for Arable Land on the Plan (ha)
  - 10.3.4 Rehabilitated Area for Arable Land Practically
  - 10.3.5 Rehabilitation Area for Other Agricultural Land on the Plan (ha)
  - 10.3.6 Rehabilitated Area for Other Agricultural Land Practically
  - 10.3.7 Rehabilitation Area for Forest on the Plan (ha)
  - 10.3.8 Rehabilitated Area for Forest Practically (ha)
  - 10.3.9 Rehabilitation Area for Reservoirs & Other Purpose on Plan (ha)
  - 10.3.10 Rehabilitated Area for Reservoirs & Other Purpose Practically (ha)
- 10.4 Removal and Use of Fertile Soil Layer
  - 10.4.1 Total Area of soil removal (ha)
  - 10.4.2 Total Volume of the Soil removed (103m<sup>3</sup>)
  - 10.4.3 Volume of Soil Removed for Non-Productive Land (103m<sup>3</sup>)
  - 10.4.4 Volume of Soil Removed for Arable Land (103m<sup>3</sup>)
  - 10.4.5 Volume of Soil Removed for Agricultural Land (103m<sup>3</sup>)
  - 10.4.6 Utilized Volume of Soil Removed (103m<sup>3</sup>)
  - 10.4.7 Stored Volume of Soil Removed (10<sup>3</sup>m<sup>3</sup>)

## **11. Information on Factory Vehicles**

- 11.1 Type of the Vehicles
- 11.2 Number of the Vehicles
- 11.3 Average Travel Distance per each Type (km/y)
- 11.4 Total Travel Distance (km/y) for each Vehicle Type
- 11.5 Correction Factor on the age of the Vehicles
  - 11.5.1 for CO
  - 11.5.2 for NO<sub>x</sub>
  - 11.5.3 for HC
- 11.6 Correction Factor on the Technical Level of the Vehicle
  - 11.6.1 for CO
  - 11.6.2 for NO<sub>x</sub>.
  - 11.6.3 for HC
- 11.7 Unit Emission Factor
  - 11.7.1 Unit Emission of CO (g/km)
  - 11.7.2 Unit Emission of NO<sub>x</sub> (g/km)
  - 11.7.3 Unit Emission of HC (g/km)
  - 11.7.4 Unit Emission of Fuel Vapour (g/km)
- 11.8 Annual Emission
  - 11.8.1 Annual Emission of CO (ton/y)
  - 11.8.2 Annual Emission of NO<sub>x</sub> (ton/y)
  - 11.8.3 Annual Emission of HC (ton/y)
  - 11.8.4 Annual Emission of Fuel Vapour (ton/y)
  - 11.8.5 Annual Emission of Total Pollutants (ton/y)

## **12. Information on Environmental Protection and Financial Activity of the Factory (10<sup>3</sup> manat)**

- 12.1 Category of Emission to be charged for the Limit (Air Emission, Water Emission, solid Emission)
- 12.2 Code Number of Emission Category
- 12.3 Payment for Permissible Discharge
  - 12.3.1 Standards of Payment ( $10^3$  manat)
  - 12.3.2 Volume of Pollutants
    - a. Payment according to Plan
    - b. Payment Actual
- 12.4 Payment for Excess of Permissible Discharge
  - 12.4.1 Standards of Payment ( $10^3$  manat)
  - 12.4.2 Volume of Pollutants
    - a. Payment according to Plan
    - b. Payment Actual
- 12.5 Outgoing Payment (manat/y)
  - 12.5.1 For Emission into the Atmosphere
    - a. Within Fixed Limit. Planed/Actual
    - b. For Limit excess
    - c. Fines for Emergency Emissions
  - 12.5.2 For Discharge into Water Bodies
    - a. Within Fixed Limit. Planed/Actual
    - b. For Limit excess
    - c. Fines for Emergency Discharge
  - 12.5.3 For Waste Disposal
    - a. Within Fixed Limit. Planed/Actual
    - b. For Limit excess
    - c. Fines for Emergency Disposal
  - 12.5.4 Total Amount of Payment
    - a. Within Fixed Limit
    - b. For Limit excess
    - c. Fines for Emergency Emissions, Discharge, and Waste Disposal
  - 12.5.5 Payment for Supernormal use of Natural Resources
  - 12.5.6 Payment for Damage caused by breaching
  - 12.5.7 Total Payment per Year

### 3.2 List of Enterprises in Baku

The categories of industry apply to the list of enterprises in Baku is presented in the table below.

	Number of Category	Activity of Industry
<b>Mining</b>	1	Oil and gas production
	2	All other mining than the above (coal, lime stone, stone, clay, sand, iron, etc.)
<b>Energy</b>	3	Oil Refining
	4	Electricity (generation, transmission, distribution, etc)
	5	Other energy (gas, district heating, thermal energy supply, etc.)
<b>Manufacturing</b>	6	Cement (production, distribution, etc.)
	7	Chemical product (potassium, phosphate, gypsum, plastics, rubber, fertilizer, paint, drug, soap, cosmetic, wax, glass, etc.)
	8	Machinery (pumps, motors, generators, gears, switch boards, engines, electrical transmissions, controllers, welding apparatus, agricultural machinery, construction machinery, consumer machinery, office machinery, home machinery, electrical appliances, computer, radio, TV, telephone, watch, clock, automobile, automobile parts, etc.)
	9	Construction materials (brick, panel, roof, wall, door, etc.)
	10	Food, Beverage, Tobacco industry
	11	Textile and wearing apparel industry
	12	Wood industry (furniture, etc.)
	13	Leather industry
	14	Paper industries (pulp, paper, paper board, container, printing, etc.)
	15	Other consumer products (dishes, plate, tile, lamps, stationeries, toys, musical instruments, jewelry, etc.)
<b>Services</b>	16	Current repairs of factories, machines, ships, etc.
	17	All of other services

A list of enterprises in the study area is presented in the table below. In the table A #775 is correspondent with list of enterprises in the study area. Among 755 factories that have environmental passports refer B # 288 and those have been surveyed C #250.

A #775	B #288	C #250	Name of the Factory	Category	Type of activity	District
1	1	238	NGDU named after H.Z. Tagiev	1	Oil extraction	Azizbekov
2	2	197	NGDU "Binagadineft"	1	Oil extraction	Binagadi
3	3	148	Marine control of exploration drilling "Bulla"	8	Oil extraction	Garadag
4	4	149	NGDU "Bulla-more"	1	Oil extraction	Garadag
5	5	153	NGDU named after A. Amirov	1	Oil extraction	Garadag
6	6	12	NGDU "Bibi-Heybatneft"	1	Oil extraction	Sabail
7	7	218	Absheron management of drill works.	8	Oil extraction	Sabunchi
8	8	212	NGDU "Balakhanineft"	1	Oil extraction	Sabunchi
9	9	226	Management of increase of output of oil pool	1	Oil extraction	Surakhani
10	10	230	NGDU "Surakhanineft"	1	Oil extraction	Surakhani
11			Quarry "Zehmet"	2	Quarrying	Azizbekov
12	11		"Gasani IK"	2	Limestone	Garadag

13	12		"Gyunel Gizil Gaya" company	2	Limestone	Garadag
14	13		"Omega" company	2	Limestone	Garadag
15	14		"Shafag" company	2	Limestone	Garadag
16	15	166	Construction materials factory "Korkez"	9	Production of limestone	Garadag
17			Construction materials factory "Kulbaht"	2	Production of limestone	Garadag
18	16	159	Construction materials factory "Kuzdek"	9	Production of limestone	Garadag
19	17	163	Construction materials factory "Vulkan"	9	Production of limestone	Garadag
20	18	160	Construction materials factory named after M.Nazarova	9	Production of limestone	Garadag
21		162	Karadag limestone factory	9	Production of lime	Garadag
22	19		Quarry of NGDU "28th of May"	2	Quarrying	Garadag
23	20		"Ramin-Ä" association	2	Stone workshop	Nizami
24			Mechanized quarry "Shahinbah"	2	Quarrying	Sabail
25	21		"Dostulli"	2	Stone workshop.	Sabunchi
26			"Elshad-97" company	2	Stone workshop.	Sabunchi
27	22	216	Quarry "Mayak"	9	Quarrying	Sabunchi
28	23	142	"Azerneftiyag"	3	Oil refining	Khatai
29	24		"Memarlig"	3	Petroleum tank	Narimanov
30	25	140	Joint Venture "Azeko"	3	Oil refining	Khatai
31	26	97	"Azerneftyanajag"	3	Oil refining	Nizami
32	27	234	"Severnaya" State Hydro-Power Station (SHPS)	4	Production of the electric power	Azizbekov
33	28	167	CEN (central electrical network)	4	Distribution of the electric power	Binagadi
34	29	156	Management of electrical energy	5	Distribution of the electric power	Garadag
35	30	107	HPP <sup>1</sup> 2	4	Production of the electric power	Nizami
36		206	The Absheron electrical network	4	Distribution of the electric power	Sabunchi
37	31	237	"Magistralniye nefteprovodi", "Dubendi" oil refinery station	5	Transportation of oil	Azizbekov
38	32	158	"Magistralniye nefteprovodi", "Putä" oil refinery station	5	Transportation of oil	Garadag
39	33	150	The Azerbaijan factory on processing gas	5	Processing of gas	Garadag
40	34	133	Azergazproduction transport enterprise	5	Transportation of oil	Khatai
41	35	137	Bakneft Base	4	Transportation of oil	Khatai
42	36	146	Heat and Power Plant (HPP) named after Bayramzade	5	Production of the electric power	Khatai
43	37	145	Thermal networks and waterheating boilers	5	Heat supply	Khatai
44	38	220	"Magistralniye nefteprovodi", "Surakhani" oil refinery station	5	Transportation of oil	Surakhani
45			"Garadag-cement" JS	6	Production of cement	Garadag
46	39	151	Gypsum factory	6	Production of a gypsum	Garadag
47	40	135	"Arzu" commercial company	6	Production of cement	Khatai
48	41		"Bisoi-Ä"	6	Cement trade	Khatai
49			"Geycha-88" company	6	Cement trade	Khatai
50	42		"Khazar-İ" company	6	Cement trade	Khatai
51		139	"Samira" production commercial company	6	Production of cement	Khatai

52	43	136	"Ulduz" commercial company	6	Production of cement	Khatai
53			Factory on manufacturing of concrete	6	Production of concrete	Khatai
54	44		"Bilfa" LTD	7	Production of paintwork material	Binagadi
55			Garadag factory of mechanical rubber products	7	Production of mechanical rubber products	Garadag
56			Institute "Olefinov"	7	Production of olefines	Khatai
57	45	116	The Baku pharmaceutical factory	7	Production of drugs	Khatai
58			Trial petrochemical factory of the Academy of Sciences of the Republic of Azerbaijan	7	Production of chemical monomers	Khatai
59			"Dostlug" LTD	7	Fusion of aluminium	Narimanov
60	46		"Tugay" company	7	Fusion of aluminium	Narimanov
61		57	IRMAK-BAKU LTD	7	Production motor oil	Nasimi
62			"Nissa" LTD	7	Production of paintwork material	Nizami
63		17	"Oligomer-sintez"	7	Production of rubber	Sabail
64		21	SPECTR	7	Production of glass	Sabail
65	47		"Ecopolysintez"	7	Production of petroleum	Sabunchi
66	48		"Garanfil-97" company	7	Production of paintwork material	Nizami
67	49		"Yapi San inshaat ve agaj uruileri" LTD	7	Production of paintwork material	Sabunchi
68	50	198	The Baku Iodine Factory	7	Obtaining of iodine	Sabunchi
69	51	25	"Azon"	7	Production of oxygen and nitrogen	Yasamal
70			INTERGEO-TETIS International SCIENTIFIC AND TECHNICAL COMPLEX	7	Production of detergents	Yasamal
71	52	248	Baku plant for refining of non-ferrous metals	8	Production of hardwares	Azizbekov
72	53	249	Factory of oil-gas-field equipment	8	Production of the petroleum equipment	Azizbekov
73	54	246	Gala machine-building factory	8	Production of the petroleum equipment	Azizbekov
74	55	242	Gazoapparat	8	Production of the equipment	Azizbekov
75	56	241	Test-experimental "Dortecnica" plant	8	Production of the equipment	Azizbekov
76	57	244	The Baku aluminium rolling factory	8	Production of the petroleum equipment	Azizbekov
77	58	245	The Baku factory of electrical machines.	8	Production of electric motors	Azizbekov
78	59	239	The Baku factory of electroautomatic devices.	8	Production of electrical items	Azizbekov
79			The Baku unit-industrial association "Iglim"	8	Production of electric equipment	Azizbekov
80		188	"Azstankoprom" PE	8	Production of hardwares	Binagadi
81	60	172	"Prompribor"	8	Production of electroitems	Binagadi
82		189	Az. NPS enterprise	8	Production of hardwares	Binagadi
83	61	187	Experimental plant for Space units	8	Production of the space	Binagadi

			construction		equipment	
84	62	195	Machine-building factory named after B.Sardarov	8	Production of the petroleum equipment	Binagadi
85			Reinforced concrete constructions and construction details factory	8	Production of concrete constructions	Binagadi
86			SANAYEJIKHAZ	8	Production of industrial gears	Binagadi
87			Assembly management "Vishka"	8	Production of the petroleum equipment	Garadag
88		154	Garadag machine-building factory	8	Production of the petroleum equipment	Garadag
89			The Baku factory of electrical machines.	8	Production of electric motors	Garadag
90	63	155	Welding-building industrial centre	8	Production	Garadag
91		113	"Bakmetal"	8	Production of hardwares	Khatai
92	64	121	"Radiostroyeniye"	8	Production of the radiogoods	Khatai
93	65	127	BAKNEFTEPROMMASH	9	Production of the equipment	Khatai
94			Machine-building factory of oil wells	8	Engineering industry	Khatai
95	66		MAKHMUD TOPCHU CO	8	Production of electro-insulators	Khatai
96			Steelmaking Factory	8	Production of steelworks	Khatai
97	67	80	"Azelektromash"	8	Engineering industry	Narimanov
98	68	64	"Azelektroterm"	8	Production of electrical devices	Narimanov
99	69	78	"Bakconditioner"	8	Production of air-conditioners	Narimanov
100	70	66	"Bakmil"	8	Production of electrical devices	Narimanov
101	71	70	"Ulduz"	8	Production of refrigerators	Narimanov
102		76	AzNIMash	8	Production of the equipment	Narimanov
103	72	75	Factory of "Chinar" refrigerators	8	Production of refrigerators	Narimanov
104	73	69	Factory of steel ropes	8	Production of steel ropes	Narimanov
105	74	68	Factory of the high-voltage equipment.	8	Engineering industry	Narimanov
106	75	110	Machine-building factory named after Sattarkhan	8	Production of the petroleum equipment	Narimanov
107		74	MVD industrial combinate	8	Production of constructions	Narimanov
108	76	77	Pilot mechanic-casting factory	8	Production of hardwares	Narimanov
109	77	81	The Baku Factory "Elektrocentrolit"	8	Engineering industry	Narimanov
110	78	82	The Baku factory of household devices.	8	Production of the consumer goods	Narimanov
111			The Baku Heavy- Electrowelding factory	8	Production metal construction	Narimanov
112	79	63	The Baku tyre factory	8	Production of tyres	Narimanov
113	80	47	"SAF" small production enterprise	8	Production of the equipment	Nasimi

114	81		"Birlik"	8	Production of the consumer goods	Nizami
115	82	93	"EVM"	15	Production of computers	Nizami
116		96	"Tamirmash" OTJS	8	Production of the equipment	Nizami
117	83	94	Keshly machine-building factory	8	Engineering industry	Nizami
118	84	95	Machine-building factory named after Musabekov	8	Production of the petroleum equipment	Nizami
119		108	State Bearing plant	8	Production of bearings	Nizami
120		87	The Baku boiler-mechanical factory	8	Production of boilers	Nizami
121	85	19	"SAF" independent production company	8	Production of check-out instruments	Sabail
122	86	22	Complex marine geology-exploration dept.	8	The equipment for oil extraction	Sabail
123	87	1	Machine-building factory "28 May"	8	Production of the petroleum equipment	Sabail
124	88	8	Machine-building factory of trust "Casporneftbur"	8	Production of the petroleum equipment	Sabail
125	89	14	Sabail machine-building factory	8	Production of the petroleum equipment	Sabail
126	90	10	Sea Department for drilling exploration "Bail Limani" off-shore DNG	8	The equipment for oil extraction	Sabail
127	91	204	"Azneftimash" machinery plant	8	Production of hardwares	Sabunchi
128			"Geofizika"	8	Production of electroitems	Sabunchi
129			BAKTEKHAS (Azerbaijan)	8	Production of oil & gas engineering	Sabunchi
130	92	219	Balakhani Machine-building factory	8	Production of the petroleum equipment	Sabunchi
131	93	207	BMGZ	8	Production of the equipment	Sabunchi
132			Instrument-making factory	8	Production of the petroleum equipment	Sabunchi
133	94	208	Machine-building factory "Bakinskiy rabochiy"	8	Production of the petroleum equipment	Sabunchi
134			Sabunchi Machine-building factory	8	Production of the petroleum equipment	Sabunchi
135	95	213	Test-experimental plant named after Musabekov	8	Production of the equipment	Sabunchi
136			The Baku machine-building factory	8	Production of the petroleum equipment	Sabunchi
137	96	201	The Baku machine-building factory "Neftgasmash"	8	Production of the petroleum equipment	Sabunchi
138	97	202	Zabrat machine-building factory	8	Production of the petroleum equipment	Sabunchi
139		221	"Nord"	8	Production of electric equipment	Surakhani
140	98	222	Baku machinery plant for production of oil-refining equipment	8	Production of the equipment	Surakhani
141	99	227	Baku plant for oil-exploration devices	8	Production of the equipment	Surakhani
142	100	225	Exp.enterp.for production and repair of	8	Production of the	Surakhani

			immersible devises		equipment	
143			Factory of immersible pumps	8	Production of pumps	Surakhani
144	101	231	Surakhani machine-building factory	8	Production of the petroleum equipment	Surakhani
145	102	232	The Baku factory of dry-type transformers	8	Transmission of the electric power	Surakhani
146	103	229	The Baku factory of mechanical rubber products	8	Production of rubber	Surakhani
147			The Ramany oil-field and machine-building factory	8	Production of the petroleum equipment	Surakhani
148	104	31	"Iskra"	8	Production of electric equipment	Yasamal
149			Factory of building designs	9	Production of building constructions	Azizbekov
150	105	177	Asphalt-concrete factory	9	Production of asphalt	Binagadi
151	106	184	Combinat for r/w constructions	9	Production of railway constructions	Binagadi
152			EGEPLAST (Azerbaijan-Turkey)	9	Production of plastic windows and doors	Binagadi
153	107	196	House construction combinate <sup>1</sup> 1	9	Production of building materials	Binagadi
154	108	174	House construction combinate <sup>1</sup> 2	9	Production of building materials	Binagadi
155	109	178	House construction combinate <sup>1</sup> 3	9	Production of building materials	Binagadi
156			House construction combinate <sup>1</sup> 4	9	Production of building materials	Binagadi
157			IMAS	9	Production of aluminium and glass facades	Binagadi
158	110	176	JBI-6	9	Production from concrete	Binagadi
159		175	JSC "POLADTOKMA"	9	Production of steelworks	Binagadi
160			Pilot-experimental Factory of Metal constructions	9	Production metal construction	Binagadi
161			Reinforced concrete products factory <sup>15</sup>	9	Production of concrete items	Binagadi
162	111	181	Reinforced concrete products factory <sup>18</sup>	9	Production of concrete items	Binagadi
163	112	165	"ELIT TATIRIM VE TICARET LTD.STI	9	Production of aluminium items	Garadag
164			Beams and facing materials factory	9	Production of facing materials	Garadag
165	113	157	Factory of the deep-water bases	9	Production of steelworks	Garadag
166	114	152	Fillers Factory	9	Production of cement items	Garadag
167		164	Garadag factory of non-ferrous metal	9	Production of non-ferrous metals	Garadag
168	115	119	"BAK-PIM" Enterprise for production of aluminum profiles	9	Production of aluminium structures	Khatai
169	116		"Contex"	9	Metal structures	Khatai
170	117		"Granit"	9	Facing stones	Khatai
171			"Khatira" cooperation	9	Tombstone	Khatai



172	118	141	"Miskar" JV	9	Production of aluminium items	Khatai
173	119	122	"Mramor" JS	9	Production of items from marble	Khatai
174			Baku factory for facing materials	9	Production of tiles	Khatai
175		131	Communal-construction cooperation	9	Production of items from metal	Khatai
176			FARRUKH	9	Production of power engineering	Khatai
177			Javad Ismailov glass-works factory	9	Production of a glass and glass items	Khatai
178			KBE AZERBAIJAN LTD	9	Production of plastic windows and doors	Khatai
179			NORM LTD (Azerbaijan-Turkey)	9	Production of lead	Khatai
180			POLYCHEM (Azerbaijan-Turkey)	9	Production from crashproof polystyrene	Khatai
181			PROMIX (Azerbaijan)	9	Manufacturing of concrete	Khatai
182	120	120	Reinforced concrete constructions plant	9	Production of concrete items	Khatai
183	121	132	Stratdetai plant	9	Production from concrete	Khatai
184			TIKINTIDETAL	9	Production of concrete items	Khatai
185	122		"Bakipen" JV	9	Production of aluminium windows and doors	Narimanov
186	123		"ESKO"	9	Shop on production of concrete and processing of tree	Narimanov
187	124		"Gyunel-Pen" JV	9	Shop on production of doors and windows	Narimanov
188			"HAS-METAL"JV	9	Shop of hardwares	Narimanov
189	125		"Penopen" JV	9	Production of aluminium windows and doors	Narimanov
190	126		"Taleh-ÄÖ" enterprise	9	Asphalt production shop	Narimanov
191	127		"Vusal-T" Construction enterprise	9	Asphalt production shop	Narimanov
192	128		"Yadigar" company	9	Production of facing plates	Narimanov
193			Factory of Ferro-concrete Designs	9	Production of concrete constructions	Narimanov
194			Factory of Ferro-concrete Designs and building detailes	9	Production of concrete constructions	Narimanov
195			Factory of Ferro-concrete Designs 19	9	Production of concrete constructions	Narimanov
196			Plant named after Gadjev	9	Production of concrete items	Narimanov
197	129	101	Reinforced concrete plant 17	9	Production of concrete items	Narimanov
198			STATOR_NPO	9	Manufacturing of the nonstandard equipment	Narimanov
199	130		"Alim-96" company	9	Marble	Nasimi
200		58	"Zaur" company	9	Production of doors and	Nasimi

					windows	
201			Experimental factory	9	Production of concrete items	Nasimi
202			MAKS_MYUTOM	9	Production building limestone	Nasimi
203			NV-Company	9	Production of items from aluminium	Nasimi
204			TITAN GROUP	9	Production of the trade equipment	Nasimi
205	131	103	"Aztunelmetrostroy" JBK	9	Production of concrete items	Nizami
206	132		Consumer services enterprise	9	Hardware	Nizami
207	133	98	Factory for production of roofing slate and asbestos-cement products	14	Production of slate	Nizami
208			Factory Metal Constructions and Ferro-concrete Engineering	9	Production of items out of concrete	Nizami
209		89	Reinforced concrete products factory <sup>12</sup>	6	Production of concrete items	Nizami
210		106	Reinforced concrete products factory <sup>14</sup>	9	Production of concrete items	Nizami
211		111	SMK <sup>1204</sup>	16	Production of building materials	Nizami
212		104	Test-experimental plant OTJS	9	Production of building materials	Nizami
213	134	27	MAGNAT (Azerbaijan-Turkey)	9	Production of facing materials	Sabail
214		5	Stambul Charshi Export - Import (Turkey)	9	Manufacturing of aluminium and plastic windows and doors	Sabail
215			TUYINK (Turkey)	9	Production of doors and windows	Sabail
216	135		"Globus" enterprise	9	Production of aluminium windows and doors	Sabunchi
217	136		"Gyunei"	9	Asphalt production shop	Sabunchi
218	137		"Nar Holding"	9	Aluminium doors, window	Sabunchi
219	138		"Shusha"	9	Production of aluminium windows and doors	Sabunchi
220		214	ILKHAM	9	Production of stairways, facing plates	Sabunchi
221		215	Sabunchi asphalt-concrete plant	9	Production of asphalt	Sabunchi
222		35	"Globus Constructor" JV	8	Production of aluminium windows and doors	Surakhani
223		223	"Shalala-A" company	9	Production of glass ruberoid	Surakhani
224	139		Baku complex on building materials	9	Production of building materials	Surakhani
225	140	228	Brick plant	9	Production of brick	Surakhani
226	141		"Agroservice" company	9	Production of facing plates	Yasamal
227			"GLÏBUS CONSTRUCTION"	9	Production of building materials	Yasamal

228	142	26	"Gorodostroyeniye" department	9	Production of building materials	Yasamal
229			ALUNIT	9	Production of the household electrogoods	Yasamal
230			KHONCHA-98	9	Production of metal windows of different sections	Yasamal
231	143	235	"Mardakan-bread" JS	10	Production of bakery products	Azizbekov
232			(ELVAN) (Turkey)	10	Production of bakery products	Azizbekov
233			Apsheron pig-breeding farm	10	Production of meat	Azizbekov
234	144		Bakery factory <sup>1</sup> 12	10	Production of a flour	Azizbekov
235		250	KHALITA	10	Production of a flour	Azizbekov
236	145	240	Macaroni factory	10	Production of bakery products	Azizbekov
237	146	190	"PEPSI COLA Azerbaijan"	10	Production of cooling drinks	Binagadi
238			ASADOV GARDASHLARI	10	Production and delivery of food items	Binagadi
239			AZERI CASTEL LTD (Azerbaijan-France)	10	Production of beer	Binagadi
240			AZERSORTSEMOVOSH - STATE ASSOCIATION	10	Production of good/high quality seeds	Binagadi
241			BAKHMAN	10	Production of bakery products	Binagadi
242		191	BAKI COCA-COLA BOTTLERS LTD	10	Production of drinks	Binagadi
243			BOLLUG	10	Production and delivery of food items	Binagadi
244			ILKIN	10	Production of lemonade	Binagadi
245			MEAT-PROCESSING PLANT	10	Production of meat items	Binagadi
246			"Insaf" JS	10	Production of bakery products	Garadag
247	147		Association "Farhad-SS"	10	Sausage shop	Garadag
248	148	128	"Araz" OOOT	10	Production of bakery products	Khatai
249	149		"Sahil LTD" company	10	Production of cooling drinks	Khatai
250	150		"Sevil"	10	Limonade shop	Khatai
251			"Turan" organization	10	Sausage shop	Khatai
252	151		"Zamig"	10	Production of sausages	Khatai
253	152	114	Bakery factory <sup>1</sup> 6	10	Production of bakery products	Khatai
254			Bakery factory <sup>1</sup> 2	10	Production of bakery products	Khatai
255		134	BAKFRANCE JV	10	Production of bakery products	Khatai
256			ELEVATOR DAYIRMANMASH	10	Production of a flour	Khatai
257	153	138	MEDIC-PRO-LTD	10	Technology of production of dairy products	Khatai

258			MISKAR BRANDIOF TRADE AND INDUSTRY JOINT VENTURE	10	Production of water	Khatai
259			OVCHULAR	10	Production of meat items	Khatai
260			ROGER SERVICE (USA)	10	Production and delivery of food items	Khatai
261	154	71	"Arzu" JS	10	Production of bakery products	Narimanov
262	155		"AVM" Sausage shop of firm	10	Sausage shop	Narimanov
263	156		"Gyunel-3"	10	Shop on production of soft drinks	Narimanov
264	157		"Universal-S" company	10	Sausage shop	Narimanov
265	158		AOAP "Meat products"	10	Sausage shop	Narimanov
266			ATA COMPANY KING (Azerbaijan-Iran-Turkey)	10	Production and delivery of food items	Narimanov
267			AZERSUN HOLDING (Turkey)	10	Production of tea	Narimanov
268		67	Bakery factory <sup>1</sup> named after Z.Tagiyev	10	Production of bakery products	Narimanov
269			Baku bread-yeast factory	10	Production of bakery products	Narimanov
270			Baku milk factory	10	Production of dairy products	Narimanov
271			Baku plant for champagne wines	10	Production of champagne wine	Narimanov
272	159	83	Baku winemaking plant <sup>2</sup>	10	Production of wine	Narimanov
273			BETA GEDA SANAYE VE TIJERET (Turkey)	10	Production of tea	Narimanov
274			BETA GROUP OF COMPANIS (Turkey)	10	Production and delivery of food items	Narimanov
275			KARVAN	10	Production and delivery of food items	Narimanov
276			KEMEK	10	Production and delivery of food items	Narimanov
277			SARO KO LTD (Turkey)	10	Production and delivery of food items	Narimanov
278			TAYMEKS	10	Production of butter-dairy confectionery items	Narimanov
279			SUMITOMO CORPORATION (Japan)	10	Production and delivery of food items	Nasimi
280	160	49	"Aysberg" JSC	10	Production of the equipment for manufacturing of ice-cream	Nasimi
281	161	44	"Goyazen" JS	10	Production of bakery products	Nasimi
282			ABIM TRADING	10	Production and delivery of food items	Nasimi
283			ALLANCE CAUCASIA AZERBAIJAN (Azerbaijan-Niderland-Georgian-)	10	Production and delivery of food items	Nasimi
284			ALNUR	10	Production and delivery of food items	Nasimi

285			ARAN	10	Production and delivery of food items	Nasimi
286			ATILIM GIDA PAZARLAMA	10	Production and delivery of food items	Nasimi
287			ATROPATENA LTD	10	Production and delivery of food items	Nasimi
288	162		Azerbaijan-Amerika JV	10	Grain products	Nasimi
289			AZERINTRADE	10	Production and delivery of food items	Nasimi
290			BAKU BEVERAGES CO LTD	10	Production of drinks	Nasimi
291	163	55	Baku tea factory	10	Production of tea	Nasimi
292			BIZON	10	Production and delivery of food items	Nasimi
293			DART TRAYDING	10	Production and delivery of food items	Nasimi
294			DIPLOMAT –1	10	Production and delivery of food items	Nasimi
295	164	41	Fish-smoking factory	10	Production of smoking fish	Nasimi
296			FLORA	10	Production of meat items	Nasimi
297			FORTUNA	10	Production and delivery of food items	Nasimi
298			GBI INTERNATIONAL LTD	10	Production and delivery of food items	Nasimi
299			GOLDEN IST (OAE)	10	Production and delivery of food items	Nasimi
300			GORGUD HOLDING	10	Production and delivery of food items	Nasimi
301			GURULUSH	10	Production of meat items	Nasimi
302			IMPROTEX COMMERCE	10	Production and delivery of food items	Nasimi
303			KARAT	10	Production and delivery of food items	Nasimi
304			LYANKARAN TI CO LTD	10	Production of tea	Nasimi
305			MAVI-DERYA (Turkey-Great Britain - OAE)	10	Production and delivery of food items	Nasimi
306			NARIMAN_TRADING CENTRE (Azerbaijan-Germany)	10	Production of syrups and tinned fruit	Nasimi
307			NIPRO INTERNATIONAL (İAÝ)	10	Production and delivery of food items	Nasimi
308			OSMAN	10	Production and delivery of food items	Nasimi
309			PHOENUX CASPIAN LTD	10	Production of water	Nasimi
310			REM-SHOP	10	Production and delivery of food items	Nasimi
311			SAF CENTR IMPORT-EXPORT KO	10	Production and delivery of food items	Nasimi
312			SAGA-S	10	Production and delivery of food items	Nasimi
313	165	185	SHOLLAR BOTTLING COMPANY	10	Production of drinks	Nasimi

314	166	192	TADJ	10	Production and sale of water	Nasimi
315			TAMERLAN	10	Production and delivery of food items	Nasimi
316			ULI GIDA URUNLERI LTD	10	Production and delivery of food items	Nasimi
317			ULUBEY	10	Production and delivery of food items	Nasimi
318			WEST KO	10	Production and delivery of food items	Nasimi
319	167		"Progress-DU"	10	Bread production	Narimanov
320	168		"Azad" company	10	Grinding mill	Nizami
321	169	91	"Baku-Meat" JS	10	Production of meat items	Nizami
322			"Fidan" company	10	Limonade shop.	Nizami
323			"Teksun" JS	10	Production of oils	Nizami
324	170	100	Baku winemaking plant <sup>11</sup>	10	Production of wine	Nizami
325			BAKZAGOTDJIVPROM	10	Production of meat items	Nizami
326			BIONIKA	10	Production and delivery of food items	Nizami
327			Biscuit factory	10	Production of confectionery items	Nizami
328			HAYAL CO	10	Production and delivery of food items	Nizami
329			Independent state enterprise "Karabah"	10	Production of bakery products	Nizami
330			SEVINJ	10	Production of lemonade	Nizami
331		102	Tobacco combinate	10	Production of tobacco	Nizami
332			ALFA PLYUS	10	Production and delivery of food items	Sabail
333			ARAMAK (USA)	10	Production and delivery of food items	Sabail
334			ARAZ	10	Production and delivery of food items	Sabail
335			AZ - RAM (Turkey-Azerbaijan)	10	Production and delivery of food items	Sabail
336			AZERAROMAT	10	Production of lemonade	Sabail
337			AZERINTERMASH	10	Production of lemonade	Sabail
338			BAY GIDA	10	Production and delivery of food items	Sabail
339			BBG FOODS	10	Production and delivery of food items	Sabail
340			BIYAN	10	Production of meat items	Sabail
341			CHINGIZ CO	10	Production and delivery of food items	Sabail
342	171	24	Corporation "Azerbaijan Dairy Products"	10	Production of dairy products	Sabail
343			DAT – SCHAUB (Denmark)	10	Production and delivery of food items	Sabail

344			GROUPE CENTROCOMMERCE INTERNATIONAL AZERBAIJAN	10	Production and delivery of food items	Sabail
345			IRS	10	Production and delivery of food items	Sabail
346			KANYON EKSAYZ TRAYDING LTD	10	Production and delivery of food items	Sabail
347			KAVKAZ	10	Production and delivery of food items	Sabail
348			KIT FOODS AZERBAIJAN	10	Production and delivery of food items	Sabail
349			NM INTERNATIONAL (İÅÝ)	10	Production and delivery of food items	Sabail
350			NYURGUN GROUP	10	Production and delivery of food items	Sabail
351			ROZA ULKER TREYDING END MARKETING (Turkey)	10	Production and delivery of food items	Sabail
352	172	15	Sabail fish-smoking factory	10	Production of smoking fish	Sabail
353			SANAN	10	Production and delivery of food items	Sabail
354			SHEKI CHEREYI	10	Production of bakery products	Sabail
355			SHOJA (Iran)	10	Production and delivery of food items	Sabail
356			SIMEX AZER	10	Production and delivery of food items	Sabail
357			SOYUZ CONTRACT -BAKU (Azerbaijan - Russia)	10	Production and delivery of food items	Sabail
358		6	TADGUL GIDA SANAYE VE TIJERET	10	Production of bakery products	Sabail
359			VUSAL	10	Production of meat items	Sabail
360			Ñ&Ñ	10	Production of dairy products	Sabail
361	173		"Araz-96"	10	Production of bread	Sabunchi
362	174	211	"Bakihanov-bread" JS	10	Production of bakery products	Sabunchi
363	175		"Serin-service"	10	Production of ice-cream	Sabunchi
364	176		"Star Nıtton" JV Azerbaijan-Turkey	10	Production of bread	Sabunchi
365		217	BAKFEM	10	Processing of a filbert	Sabunchi
366	177	210	Baku vodka distillery <sup>1</sup> 4	10	Vodka production	Sabunchi
367			Hovsani fishery concern	10	Production of smoking fish	Surakhani
368			"Azeri-LTD"	10	Production of beer	Yasamal
369	178	34	"Mugan" JS	10	Production of bakery products	Yasamal
370	179	30	"Ruzi" company	10	Production of bakery products	Yasamal
371	180	29	"Ruzi" JS	10	Production of bakery products	Yasamal
372	181	36	ANADOLU CHEREYI	10	Production of bakery products	Yasamal

373			AYDIN	10	Production and delivery of food items	Yasamal
374			AZERBAIJAN TRADE COMPANY	10	Production and delivery of food items	Yasamal
375			BERKELEY TRADING (Great Britain)	10	Production and delivery of food items	Yasamal
376			BEST FOOD STUFF TRADING LLC (Dubay)	10	Production and delivery of food items	Yasamal
377			BIOS	10	Production and delivery of food items	Yasamal
378			HAYAT	10	Production and delivery of food items	Yasamal
379			ILGAR- OR	10	Production and delivery of food items	Yasamal
380			ISLAM	10	Production of meat items	Yasamal
381			JELCO SRL	10	Production and delivery of food items	Yasamal
382			LAKATENA (Azerbaijan - Belgium)	10	Production and delivery of food items	Yasamal
383			MIRI-PAK	10	Production of fruit and vegetable canned food	Yasamal
384			RAM DISH TIJERET A.SH. (Turkey)	10	Production of articles of food	Yasamal
385			UNILEVER (Turkey)	10	Production and delivery of food items	Yasamal
386		247	"Aynur" enterprise	11	Production of the outer clothing	Azizbekov
387			Garment factory <sup>1</sup> 2	11	Production of the outer clothing	Azizbekov
388			Garment factory <sup>1</sup> 3	11	Production of the outer clothing	Azizbekov
389			GYUNEL-4	11	Production of the outer clothing	Binagadi
390		129	NIKA	11	Production of the outer clothing	Khatai
391	182	124	The Baku knitting mill named after H.Z. Tagiev	11	Production of knitted items	Khatai
392			YENILIK	11	Production of the outer clothing	Khatai
393		73	"Sharg" company	11	Production of the outer clothing	Narimanov
394			Baku textile Complex	11	Production of the outer clothing	Narimanov
395			GARANFIL	11	Production of the outer clothing	Narimanov
396		79	NALIM CO LTD	11	Production of the outer clothing	Narimanov
397			The Baku knitting mill	11	Production of knitted items	Narimanov
398			ZAMAN_A	11	Production of the outer clothing	Narimanov
399	183	59	"Bakikhanov tikish" JSC	11	Production of the outer clothing	Nasimi



					clothing	
400	184	60	"Idman"		11	Production of sportswear Nasimi
401	185		"Lyatif" company		11	Production of carpets Nasimi
402	186	45	"Trikotaj" JSC		11	Production of knitted items Nasimi
403			BAKI		11	Production of jeweller items Nasimi
404	187	37	Cotton wool Factory		7	Production of cotton Nasimi
405			GYUNAY IMS		11	Production of the outer clothing Nasimi
406			JANNAT		11	Production of the outer clothing Nasimi
407			SERVICE GROUP 2000		11	Tailoring and realization of working clothes Nasimi
408			SHARG		11	Production of the outer clothing Nasimi
409			CLASS		11	Tailoring of mattresses and bed-clothes Nizami
410			The Baku Complex of fine cloth		11	Production of fine cloth Nizami
411	188	20	"Azer Halcha"		11	Production of carpets Sabail
412			Garment factory named after A. Bayramov		11	Production of the outer clothing Sabail
413		4	MODERN		11	Production of the outer clothing Sabail
414	189		"Ulviya-À" company		11	Socks production shop Sabunchi
415		200	Factory of children's garment		11	Production of the outer clothing Sabunchi
416	190	199	Notions knitting factory named after Narimanov		11	Production of knitted items Sabunchi
417		209	Zabrat spinning-painting plant		11	Production of a yarn Sabunchi
418			The Baku textile factory		11	Production of textile items Surakhani
419	191	32	"Bakitikish" OTJS		11	Production of knitted items Yasamal
420			DIAMOND SUM-BES TEXTILE (Azerbaijan-Turkey)		11	Tailoring of sporting suits Yasamal
421			Garment factory <sup>1</sup> 1		11	Production of the outer clothing Yasamal
422			ISLAM		11	Production of the outer clothing Yasamal
423	192		NEHIR LTD CO (Turkey)		12	Production of furniture Binagadi
424			Wood-working factory		12	Production of furniture Binagadi
425			Alyat wood-working factory		12	Production of furniture Garadag
426			Baku furniture factory <sup>1</sup> 2		12	Production of furniture Khatai
427	193		"Zodchiy Ragim" association		12	Woodworking Khatai
428	194		Natural person		12	Building materials Nasimi
429	195	46	Baku furniture factory <sup>1</sup> 1		12	Production of furniture Nasimi
430	196	56	DEBOS CO LTD		12	Production of the furniture Nasimi
431	197		"Emin" company		12	Woodworking Nizami
432		99	"Savalan" furniture factory		12	Production of furniture Nizami

433			CLASS LTD	12	Production of furniture	Nizami
434		90	DINGTON KHOLDING SA	12	Production of the furniture	Nizami
435	198	85	INTERIOR DESIGN	12	Production of furniture	Nizami
436			Mirror-furniture factory	12	Production of furniture	Nizami
437			"Aran" company	12	Joiner's shop	Yasamal
438	199	28	GASANOGLU	12	Production of the furniture	Yasamal
439		168	"BOT" OTJS	13	Production of footwear	Binagadi
440			Shoe factory <sup>1</sup> 4	13	Production of footwear	Binagadi
441			Factory of Artificial Leather and Film Materials	13	Production of artificial leather	Narimanov
442			Factory on leather processing	13	Production of footwear	Narimanov
443		84	JSC of the national goods	13	Production of footwear	Narimanov
444	200	92	Shoe factory <sup>1</sup> 2	13	Production of footwear	Nizami
445			Shoe factory <sup>1</sup> 1	13	Production of footwear	Sabail
446	201	233	Leather Joint Stock	13	Production of footwear	Surakhani
447			Shoe factory <sup>1</sup> 3	13	Production of footwear	Yasamal
448		117	"Sharg Gerb" printing house	14	Polygraphic activities	Khatai
449	202	48	"Gizil Sherg" printing house	14	Polygraphic activities	Nasimi
450	203	54	Printing house <sup>1</sup> 3	14	Polygraphic activities	Nasimi
451	204		The "Azpolygraphremont" rent enterprise	14	Polygraphy	Nasimi
452		13	Printing house <sup>1</sup> 1	14	Polygraphic activities	Sabail
453	205	33	"Azerbaijan" printing house	14	Polygraphic activities	Yasamal
454			Buzovna crystal factory	15	Production of the consumer goods	Azizbekov
455			The Putin factory of the piece goods	15	Production of the consumer goods	Garadag
456	206		"Azerik" association	15	Plastic ware	Khatai
457		115	Metal Culture-household units factory	15	Production of the consumer goods	Khatai
458	207	62	The Baku factory "Elektroshtamp"	15	Production of the electroparts	Narimanov
459	208	53	JSC "Hadiyalar"	15	Production of the consumer goods	Nasimi
460	209	50	JSC "Minaligablar"	15	Production of the enamelled ware	Nasimi
461			The Baku toy factory	15	Production of toys	Nasimi
462			VATERSAN ALUMINIUM SANAYE VE TEJERET(Azerbaijan)	15	Production of items from aluminium	Nasimi
463	210	88	"Azelektroishig"	15	Production of lamps	Nizami
464			Factory of porcelain utensils	15	Production of the consumer goods	Nizami
465		9	ELEGANT	15	Production of jeweller items	Sabail
466			"Duniya"	15	Cellophane production shop	Sabunchi
467	211	39	"Yuvelirprom"	15	Production of jeweller items	Yasamal
468	212	243	Bus column <sup>1</sup> 2 106 of Baku city transport	16	Service of machines	Azizbekov

			department			
469	213		"Babek"	16	Auto maintenance	Binagadi
470	214		Aquapolis LTD	16	Auto maintenance	Binagadi
471	215		Fortuna IMEX	16	Auto maintenance	Binagadi
472	216		Kamala	16	Auto maintenance	Binagadi
473	217		Khazar Construction-tourism organization	16	Auto maintenance	Binagadi
474	218		Lada technical service station	16	Auto maintenance	Binagadi
475	219		Moskvich technical service station	16	Auto maintenance	Binagadi
476		170	SMK '203	16	Civil and erection works	Binagadi
477		173	SMK '7	16	Civil and erection works	Binagadi
478		171	SMK '8	16	Civil and erection works	Binagadi
479			Alati Bus-repair Factory	16	Auto maintenance	Garadag
480	220		"Ariana" company	16	Auto maintenance	Khatai
481	221		"Hidmet-2"	16	Auto maintenance	Khatai
482	222		"Karabaglar"	16	Auto maintenance	Khatai
483	223		"Nazrin"	16	Auto maintenance	Khatai
484	224		"Ramin" MP	16	Auto maintenance	Khatai
485	225		Baku MTT	16	Service of machines	Khatai
486	226	126	The "Transcaucasian Federation" dock	16	Maintenance of ships	Khatai
487	227	118	The Baku Automobile Factory	16	Auto maintenance	Khatai
488	228		VAZ	16	Auto maintenance	Khatai
489	229		"Miraj" company	16	Auto maintenance	Narimanov
490	230		"Sabail-94" company	16	Auto maintenance	Narimanov
491		86	Auto base	16	Service of machines	Narimanov
492	231		Avto Independent SE	16	Auto maintenance	Narimanov
493	232		Azer ISETLI	16	Auto maintenance	Narimanov
494	233		"FS" ÀÕÑ	16	Auto maintenance	Narimanov
495	234		Garagaya Association	16	Auto maintenance	Narimanov
496	235		MMS Azerb. England	16	Auto maintenance	Narimanov
497	236		Natural person	16	Auto maintenance	Narimanov
498	237		VIS-TUR-VIS	16	Auto maintenance	Narimanov
499	238		"Dostlug" cooperation	16	Auto maintenance	Nasimi
500	239		"Ihlas motors" company	16	Auto maintenance	Nasimi
501	240		"Improtex-Motor" MMM	16	Auto maintenance	Nasimi
502	241		"Kainat" company	16	Auto maintenance	Nasimi
503	242		Azer. Household repair	16	Household repair	Nasimi
504	243		Eldorado-A.A.	16	Auto maintenance	Nasimi
505	244	51	Mechanized department of road repair construction	16	Transport services	Nasimi
506	245		Natural person	16	Auto maintenance	Nasimi
507	246		"Azerservice-1"	16	Auto maintenance	Nizami
508		105	"Azkal" JV	16	Service and delivery of machines	Nizami
509	247		"Bodrost"	16	Maintenance	Nizami
510	248		"Elshan"	16	Auto maintenance	Nizami
511	249		"Illadge" MMO	16	Auto maintenance	Nizami
512	250		"Kavkaz Motors" company	16	Auto maintenance	Nizami

513	251		"Mahir" company	16	Auto maintenance	Nizami
514	252		"Turadge"	16	Auto maintenance	Nizami
515	253		"Ulduz"	16	Auto maintenance	Nizami
516	254		"Ulvi" PKF	16	Auto maintenance	Nizami
517	255	23	Ship repair and ship-building factory named after I. Allahverdiev	16	Repair and maintenance of ships	Sabail
518		3	South regional Department of Oil sea marine	16	Service of the ships	Sabail
519	256	16	The "Khazarneftdonanma" dock	16	Repair and maintenance of ships	Sabail
520	257	18	The "Parisian Kommuna" dock	8	Repair and maintenance of ships	Sabail
521	258		Araba Small state service enterprise	16	Auto maintenance	Sabunchi
522	259		"Araz" company	16	Auto maintenance	Yasamal
523	260		"Garib" SE	16	Auto maintenance	Yasamal
524	261		Lada cooperative	16	Auto maintenance	Yasamal
525	262	236	Bina airport	17	Airservices	Azizbekov
526	263		Ram Auto LTD	17	Auto maintenance	Yasamal
527			Bus fleet "Passajirservice"	17	Transport services	Azizbekov
528			Gala technological transport management of SOCAR	17	Transport services	Azizbekov
529	264	194	"Contour" APPP	17	Repair and service	Binagadi
530			"Hagani-M" company	17	Gasoline station	Binagadi
531			Auto column <sup>12702</sup> of SC "Azautotransport"	17	Transport services	Binagadi
532			Auto column <sup>12704</sup> of SC "Azautotransport"	17	Transport services	Binagadi
533	265	169	Baladjari distance of civil constructions	17	Repair and service	Binagadi
534		186	Baladjari distance of signalling and communication	17	Repair and service	Binagadi
535	266	180	Baladjari locomotive depot	17	Repair and service	Binagadi
536	267	183	Baladjari steaming station	17	Repair and service	Binagadi
537	268	182	Baladjari wagon depot	17	Repair and service	Binagadi
538			Bus Complex <sup>11</sup> of Baku urban transport department	17	Transport services	Binagadi
539			Bus factory <sup>11</sup> of Baku city transport department	17	Service	Binagadi
540			Bus factory <sup>12</sup> of Baku city transport department	17	Service	Binagadi
541			Chirag-97	17	Gasoline station	Binagadi
542			CMTE <sup>110</sup> SC "Azerautotransport"	17	Transport services	Binagadi
543			CMTE <sup>111</sup> SC "Azerautotransport"	17	Transport services	Binagadi
544			CMTE <sup>112</sup> SC "Azerautotransport"	17	Transport services	Binagadi
545			CMTE <sup>19</sup> SC "Azerautotransport"	17	Transport services	Binagadi
546			Emil Petrol	17	Gasoline station	Binagadi
547			GYUNAY IMS (Azerbaijan - Turkey)	17	Construction	Binagadi
548			ITIMAT INSHAAT (Turkey)	17	Construction	Binagadi
549			Joint-Stock Company of open type "Baku - nagliyyat -7" (private bus enterprise)	17	Transport services	Binagadi
550	269	61	Kishli wagon depot	17	Repair and service	Binagadi

551		179	Machinery-mechanical repair workshop	17	Repair and service	Binagadi
552			The cargo motor transportation enterprise (CMTE) <sup>11</sup> of state concern (SC) "Azerautotransport"	17	Transport services	Binagadi
553			Transport shop named after Amirov NGDU of SOCAR	17	Transport services	Binagadi
554			Transport shop NGDU "Binagadineft"	17	Transport services	Binagadi
555		193	TUKM (Technical joint of cable pathes)	17	Repair and service	Binagadi
556			"Ahtarma" testing area	17	Dumping of waste	Garadag
557			"Azernur" company	17	Gasoline station	Garadag
558			"SFITS" company	17	Gasoline station	Garadag
559			Alati enterprise for special wagons operation	17	Repair and service	Garadag
560	270		Autogasservice" association	17	Gas refueling	Garadag
561			Building mechanized management of trust "Azneftdorremstroy"	17	Construction	Garadag
562			Building mechanized management of trust "Casporneftststroy"	17	Construction	Garadag
563	271		CM-1 (construction management)	9	Construction	Garadag
564			CMTE <sup>12</sup> SC "Azerautotransport"	17	Transport services	Garadag
565			CMTE <sup>15</sup> SC "Azerautotransport"	17	Transport services	Garadag
566			CMTE <sup>16</sup> SC "Azerautotransport"	17	Transport services	Garadag
567			CMTE <sup>17</sup> SC "Azerautotransport"	17	Transport services	Garadag
568			CMTE <sup>18</sup> SC "Azerautotransport"	17	Transport services	Garadag
569			Gobustan technological transport management of the State Oil Company (SOCAR)	17	Transport services	Garadag
570			Main Alati sorting station	17	Repair and service	Garadag
571			Mobile mechanized office of trust "Azneftdorremstroy"	17	Construction	Garadag
572			Motor transportation office of trust "Azneftdorremstroy"	17	Transport services	Garadag
573			New-Alati refrigerator wagon depot	17	Repair and service	Garadag
574			Oil-well cementation management of SOCAR	17	Service of drill wells	Garadag
575			Repair and mechanical factory	17	Repair	Garadag
576			ÑI-2	17	Construction	Garadag
577	272	143	"Azenergoremnaladka" named S.I.Latifov	17	Repair and fixing of electric equipment	Khatai
578	273	123	"Bakkanalizatsiya" PE	17	Services to the population	Khatai
579	274		"Karavan-L" company	17	Dyeing production	Khatai
580			Auto column <sup>12702</sup> of SC "Azerautotransport"	17	Transport services	Khatai
581			BABA-94	17	Tailoring of clothes	Khatai
582			Bridge repair team	17	Repair and service	Khatai
583			EUROASIYA TECHNOLOGY ENGINEERING & CONSTRUCTION INC (Turkey)	17	Construction	Khatai
584			FIVE STAR (Turkey)	17	Construction	Khatai
585			GPO housing services	17	Services to the	Khatai

					population	
586		125	OJKH-va	17	Services to the population	Khatai
587			PROMIX (Azerbaijan)	17	Construction	Khatai
588			Repair-fixing enterprise	17	Repair - fixing	Khatai
589			SMM (Specialized mechanized management) of trust "Azkhimzavodremont"	17	Construction	Khatai
590	275	144	The production-repair enterprises	17	Repair services	Khatai
591		147	TSU-2	17	Services to the population	Khatai
592			YENILIK (Azerbaijan)	17	Construction	Khatai
593			"Akyol" LTD (private bus enterprise)	17	Transport services	Narimanov
594			"Azerexpress" (private bus enterprise)	17	Transport services	Narimanov
595			"Azkor" company (individual taxi)	17	Transport services	Narimanov
596			"Eyub" company	17	Gasoline station	Narimanov
597			"Farah" (individual taxi)	17	Transport services	Narimanov
598	276	65	"Narimanov" electric depot	17	Service of carriages	Narimanov
599			"Petro" company	17	Gasoline station	Narimanov
600			"Ramiz auto" (private bus enterprise)	17	Transport services	Narimanov
601			"Rashad" LTD (private bus enterprise)	17	Transport services	Narimanov
602			"Senmazturizmtijarat" (individual taxi)	17	Transport services	Narimanov
603			"Tahir" company	17	Gasoline station	Narimanov
604			Auto column <sup>12708</sup> of SC "Azerautotransport"	17	Transport services	Narimanov
605			Auto Complex of inter-town passenger transportations	17	Transport services	Narimanov
606			AZEREXPODESIGN (Azerbaijan)	17	Construction	Narimanov
607			AZERNAKHCHIVAN TRADING CO (Azerbaijan)	17	Construction	Narimanov
608		72	AZERSUN SATISH VE BAZARLAMA	17	Production and delivery of articles of food	Narimanov
609			Bus Complex <sup>12</sup> of Baku urban transport department	17	Transport services	Narimanov
610			Bus Complex <sup>12706</sup> of Baku urban transport department	17	Transport services	Narimanov
611			Bus Complex <sup>12714</sup> of Baku urban transport department	17	Transport services	Narimanov
612			Bus fleet of firm "Sadarak"	17	Transport services	Narimanov
613			FERROSTAAL AG (Germany)	17	Construction	Narimanov
614			K.I.A. (Azerbaijan)	17	Construction	Narimanov
615			Kishli freight station	17	Repair and service	Narimanov
616			PKF "Standard"	17	Service	Narimanov
617			Small enterprise "Ê Ì" (private bus enterprise)	17	Transport services	Narimanov
618			STONPAY (Canada)	17	Construction	Narimanov
619			TABIAT (Azerbaijan)	17	Construction	Narimanov
620			YUKSALIK LTD (Azerbaijan)	17	Construction	Narimanov
621			"Afgan" company	17	Gasoline station	Nasimi
622			"Bakoil" company	17	Gasoline station	Nasimi

623	277		"Gey-Gel"	17	Metal activities	Nasimi
624	278	52	"Prachechnaya" PE	17	Washing	Nasimi
625			ALKON CONSTRUCTION & TRADING CO LTD (Azerbaijan)	17	Construction	Nasimi
626			ARGOTUR-FEDEKS	17	Construction	Nasimi
627			ASALET ENTERPRISES LTD (Great Britain)	17	Construction	Nasimi
628			AZEKSIM INSHAAT (Azerbaijan)	17	Construction	Nasimi
629			AZERPEN (Azerbaijan - Turkey)	17	Construction	Nasimi
630			AZTRADE SERVICE (Germany)	17	Construction	Nasimi
631			BAKU INSHAAT (Azerbaijan - Turkey)	17	Construction	Nasimi
632			BAKU SANAT MERKEZI (Azerbaijan - Turkey)	17	Construction	Nasimi
633	279	43	Baku wagon depot	17	Repair and service	Nasimi
634	280	42	Baku wagon repair factory	17	Repair and service	Nasimi
635			BAKU YATIRIM LTD (Azerbaijan - Turkey)	17	Construction	Nasimi
636			BOUYGUES OFFSHORE (France)	17	Construction	Nasimi
637			CASPIAN STAR (Azerbaijan)	17	Construction	Nasimi
638			CMTE 14 SC "Azerautotransport"	17	Transport services	Nasimi
639			CRC CONSTRUCTION LTD (Azerbaijan)	17	Construction	Nasimi
640			DAVID MURRAY ASSOCIATES LIMITED (Scotland)	17	Construction	Nasimi
641			EXPO	17	Construction	Nasimi
642			FERKO INSHAAT (Turkey)	17	Construction	Nasimi
643			GORGUD HOLDING (Azerbaijan - Turkey - Iran)	17	Construction	Nasimi
644	281		IMPERO-ACO (Azerbaijan-Turkey)	17	Delivery	Nasimi
645			INTEPE OFFSHORE LIMITED (Turkey)	17	Construction	Nasimi
646			INTERIOR (Azerbaijan)	17	Construction	Nasimi
647			IRSHAD GROUP	17	Construction	Nasimi
648			Mard Petrol	17	Gasoline station	Nasimi
649			MEMAR INSHAAT LTD (Turkey)	17	Construction	Nasimi
650			MERCURY INTERNATIONAL (Azerbaijan - Germany)	17	Construction	Nasimi
651			MERT INSHAAT (Turkey)	17	Construction	Nasimi
652			META INSHAAT (Turkey)	17	Construction	Nasimi
653			MEYSAN INSHAAT ITHALAT IRACAT SANAE VE TICARET LTD (Turkey)	17	Construction	Nasimi
654			MODERN CONSTRUCTION GROUP (Azerbaijan)	17	Construction	Nasimi
655			MODUS DESIGN INDUSTRIAL COMOANY (Azerbaijan)	17	Construction	Nasimi
656			NETYAPI (Turkey)	17	Construction	Nasimi
657			NEWGUN INSHAAT (Azerbaijan-Turkey)	17	Construction	Nasimi
658			NPP VISOTTEHSERVICE (Azerbaijan)	17	Construction	Nasimi
659			ON-AY INSHAAT DECORACION (Turkey)	17	Construction	Nasimi
660			PBC CONSTRUCTION (Azerbaijan)	17	Construction	Nasimi

661			Repair-mechanical plant	17	Repair	Nasimi
662			RONE CASPIAN LTD (Austria)	17	Construction	Nasimi
663			SIRIUS (Azerbaijan)	17	Construction	Nasimi
664			SIRIUS CONSTRUCTION COMPANY	17	Construction	Nasimi
665			STAR INSHAAT (Azerbaijan-Turkey)	17	Construction	Nasimi
666			Transport depot <sup>1</sup> 1 GlavBakStroy	17	Service	Nasimi
667			Turk-Azer LTD	17	Construction	Nasimi
668			UNIVERSAL S	17	Construction	Nasimi
669			VATERSAN (Turkey)	17	Construction	Nasimi
670			ZAUR_A	17	The installation	Nasimi
671		109	"Azertonmetrostroy" JS UTS-3	17	Services to the population	Nizami
672	282		"Fidan" LTD (private bus enterprise)	17	Transport services	Nizami
673			"Fidko" LTD (private bus enterprise)	17	Transport services	Nizami
674			"Lukoiltrans" LTD (private bus enterprise)	17	Transport services	Nizami
675			Baku locomotive depot	17	Repair and service	Nizami
676			Baku wagon depot	17	Repair and service	Nizami
677			Bus column <sup>12</sup> 714 of Baku city transport department	17	Service	Nizami
678			Joint venture "Azkal" (private bus enterprise)	17	Transport services	Nizami
679			Plant for agricultural machinery repair	17	Repair	Nizami
680			The Baku Experimental repair-mechanical factory	17	Repair services	Nizami
681			The company "Showtransportexportimport" LTD (private enterprise of bus service)	17	Transport services	Nizami
682	283	2	"Borchali"	17	Dry-cleaners	Sabail
683			"Shih-Oil" company	17	Gasoline station	Sabail
684			ABC CONSTRUCTION (Azerbaijan)	17	Construction	Sabail
685			ADMIRAL INSHAAT (Azerbaijan)	17	Construction	Sabail
686			ADVERTISEMENT AND TRADE LTD (USA - Turkey)	17	Construction	Sabail
687			ALI USTA INSHAAT (Turkey)	17	Construction	Sabail
688			ALT AY SEL COMPANY (Azerbaijan)	17	Construction	Sabail
689			AMSON (Great Britain)	17	Construction	Sabail
690			APM LTD (Great Britain)	17	Construction	Sabail
691			ARKLOW VALE LTD (Great Britain)	17	Construction	Sabail
692			ASALET INSHAAT LTD (Great Britain)	17	Construction	Sabail
693			ATN CONSTRUCTION (Azerbaijan)	17	Construction	Sabail
694	284		AZFEN (Azerbaijan - Turkey)	17	Construction	Sabail
695			AZZHILCOMPLEKTREMONT (Azerbaijan)	17	Construction	Sabail
696		130	Baku technological transport management	17	Transport services	Sabail
697			BAY HOLDING INVESTMENT LIMITED (Turkey)	17	Construction	Sabail
698			BEKTEL (USA)	17	Construction	Sabail
699	285	7	Bibi-Heybat technological transport management	16	Transport services	Sabail
700			BIZWAY ENTERPRISES LIMITED (Cyprus)	17	Construction	Sabail



701			BORAN INT CO (Turkey)	17	Construction	Sabail
702			CHIYODO CORPORATION AZERBAIJAN (Japan)	17	Construction	Sabail
703			CONDESKON (Germany)	17	Construction	Sabail
704			DANIZ DEVELOPMENT LTD	17	Construction	Sabail
705	286	11	Department of Drilling Exploration from floating units DNG off-shore	17	Service of the buoyant installations	Sabail
706			DESIGN – BUREAU (Azerbaijan)	17	Construction	Sabail
707			ELKHAD INTERNATIONAL CORPORATION (Great Britain)	17	Construction	Sabail
708			ENSAR-BEYSAN (Azerbaijan - Turkey)	17	Construction	Sabail
709			ERSA INSHAAT (Turkey)	17	Construction	Sabail
710			Firm "Kasko"	17	Collecting and utilization of waste	Sabail
711			GABEG (Germany)	17	Construction	Sabail
712			GATEWAYS (Great Britain)	17	Construction	Sabail
713			GENERAL INTERSERVICE CONSTRUCTION CO LTD (Azerbaijan - Hungary)	17	Construction	Sabail
714			GINTASH GIDA INSHAAT (Turkey)	17	Construction	Sabail
715			G and G	17	Construction	Sabail
716			GROUPE CENTROCOMMERCE INTERNATIONAL AZERBAIJAN	17	Construction	Sabail
717			GUITE EASIELY DESIGNED AZERBAIJAN (Great Britain)	17	Construction	Sabail
718			HEPWORTH CONSTRUCTION (Great Britain)	17	Construction	Sabail
719			IENA (Azerbaijan)	17	Construction	Sabail
720			INJA (Azerbaijan)	17	Construction	Sabail
721			INTCO (Turkey)	17	Construction	Sabail
722			JABBARI INTERNATIONAL (Azerbaijan - Monaco)	17	Construction	Sabail
723			Joint venture "UP Azerbaijan"	17	Collecting and utilization of waste	Sabail
724			KENAN CONSTRUCTION AND TRADE CO (Azerbaijan – Turkey)	17	Construction	Sabail
725			KHAZAR CONSTRUCTION (Azerbaijan - Turkey)	17	Construction	Sabail
726			KURVERS PIPING TRANSCAUCSUS & CENTRAL ASIA (Germany)	17	Construction	Sabail
727			L & N (Azerbaijan)	17	Construction	Sabail
728			LUKOVA INSHAAT VE TIJARET (Turkey)	17	Construction	Sabail
729			MORRISON CASPIAN LTD (Great Britain)	17	Construction	Sabail
730			Motor transportation office of SOCAR	17	Transport services	Sabail
731			MTT (management of technological transport)	17	Service	Sabail
732			PETROFAC INTERNETIONAL LTD (Great Britain)	17	Construction	Sabail
733			QUINTA	17	Construction	Sabail
734			RASKO INTERNATIONAL LTD (Great	17	Construction	Sabail

			Britain)			
735			RITAG	17	Construction	Sabail
736			ROBERO LTD (Ireland)	17	Construction	Sabail
737			SANAR LTD (Azerbaijan)	17	Construction	Sabail
738			SP "Tapet-3"	17	Gasoline station	Sabail
739			SPARK (Azerbaijan-Turkey)	17	Construction	Sabail
740			Technological transport management <sup>11</sup>	17	Transport services	Sabail
741			TEKPEN INSHAAT (Turkey)	17	Construction	Sabail
742			TML BOROVA (Turkey)	17	Construction	Sabail
743			Transport shop NGDU "2 8 May"	17	Transport services	Sabail
744			Transport shop NGDU "Bibi-Heybat"	17	Transport services	Sabail
745			WELLINGTON CONSTRUCTION LTD (Azerbaijan - Singapore – Panama)	17	Construction	Sabail
746			ÀÀ SERVICE	17	Construction	Sabail
747			Baku factory for household emissions purification	17	Services to the population	Sabunchi
748			The cargo motor transportation enterprise <sup>14</sup> of SOCAR	17	Transport services	Sabunchi
749			The cargo motor transportation enterprise <sup>17</sup> of SOCAR	17	Transport services	Sabunchi
750		205	The central base of industrial services	17	Service	Sabunchi
751	287	203	Zabrat "Azalaero"	17	Airservices	Sabunchi
752			Zabrat technological transport management of SOCAR	17	Transport services	Sabunchi
753			Auto column <sup>12704</sup> of SC "Azerautotransport"	17	Transport services	Surakhani
754			CMTE <sup>13</sup> SC "Azerautotransport"	17	Transport services	Surakhani
755			Surakhani technological transport management of SOCAR	17	Transport services	Surakhani
756			Technological transport management "Gum adasi"	17	Transport services	Surakhani
757			"Avto LTD" company	17	Gasoline station	Yasamal
758	288	40	"Igrar" company	17	Services to the population	Yasamal
759			AGROYOL (Azerbaijan)	17	Construction	Yasamal
760			ALARKO ALSYM (Turkey)	17	Construction	Yasamal
761			ALBANIA CONSTRUCTION LTD (Azerbaijan)	17	Construction	Yasamal
762			ASKO OIL	17	Gasoline station	Yasamal
763			AYNUR SERVICE LTD (Azerbaijan)	17	Construction	Yasamal
764			AZGUR (Azerbaijan)	17	Construction	Yasamal
765			Company "IST"	17	Gasoline station	Yasamal
766			DHT CONSTRUCTION CO LTD (Turkey)	17	Construction	Yasamal
767			EKPAR INTERNATIONAL CONSTRUCTION (Turkey)	17	Construction	Yasamal
768			INTERTRADE	17	Construction	Yasamal
769			PKF "Gunesh"	17	Gasoline station	Yasamal
770			REAL INSHAAT (Azerbaijan)	17	Construction	Yasamal
771			SANTEHGURASHDIRMA (Azerbaijan)	17	Construction	Yasamal

772		38	SMU-1	17	Services to the population	Yasamal
773			SPD INTERNATIONAL SERVICE (Azerbaijan-Germany)	17	Construction	Yasamal
774			SSS (Azerbaijan)	17	Construction	Yasamal
775			ÖADÃO (Azerbaijan-Turkey)	17	Construction	Yasamal

### 3.3 Factories Survey

#### 3.3.1 List of Factories Surveyed

A list of factories that have been surveyed is presented in the table below. In the table A #250 is correspondent with list of factories that have been surveyed. B #755 is correspondent with all enterprises in the study area and C # 288 is factories that have environmental passports refer.

A #250	B #775	C #288	Name of the Factory	Category	District
1	123	87	Machinery factory of 28 may	8	Sabayil
2	682	283	"Borchali" SE	17	Sabayil
3	518		South regional Department of Oil sea marine	16	Sabayil
4	413		"Modern" company	11	Sabayil
5	214		Istanbul Chargii Export Import	9	Sabayil
6	358		Tadgul Gida Senaye Ticaret	10	Sabayil
7	699	285	"Bibi-Heybat" technological transport department	16	Sabayil
8	124	88	"Kaspmorburstroy" machinery plant	8	Sabayil
9	465		"Elegant" company	15	Sabayil
10	126	90	Sea Department for drilling exploration "Bail Limani" off-shore DNG	8	Sabayil
11	705	286	Department of Drilling Exploration from floating units DNG off-shore	17	Sabayil
12	6	6	"Bibi-Heybat" NGDU	1	Sabayil
13	452		Printing house 11.	14	Sabayil
14	125	89	Sabayil machinery plant	8	Sabayil
15	352	172	"Hachin-chay" SE, Fish-smoking	10	Sabayil
16	519	256	"Hazar Neftdonanma" ship repair	16	Sabayil
17	63		"Oligomer-sintez"	7	Sabayil
18	520	257	Ship repair PO head PE named Paris Communa	8	Sabayil
19	121	85	"SAF" independent production company	8	Sabayil
20	411	188	"Azer Halcha" science technological PE	11	Sabayil
21	64		"Spectr"	7	Sabayil
22	122	86	Complex marine geology-exploration dept.	8	Sabayil
23	517	255	Ship repair-construction PE named I.Allahverdiyev	16	Sabayil
24	342	171	"Azerbmolochniye produkti" cooperation	10	Sabayil
25	69	51	"Azon" factory	7	Yasamal
26	228	142	"Gorodostroyeniye" department	9	Yasamal
27	213	134	"Magnat" JV	9	Yasamal
28	438	199	"Hesenoglu" LTD	12	Yasamal
29	371	180	"Ruzi" OTJS	10	Yasamal

30	370	179	"Ruzi" company	10	Yasamal
31	148	104	"Iskra" plant	8	Yasamal
32	419	191	"Bakitikish" OTJS	11	Yasamal
33	453	205	"Azerbaijan" printing house	14	Yasamal
34	369	178	"Mugan" OTJS	10	Yasamal
35	222		"GLÍBUS CONSTRUCTION"	8	Yasamal
36	372	181	"Anadolu" JV	10	Yasamal
37	404	187	Cotton factory	7	Yasamal
38	772		SMU-1	17	Yasamal
39	467	211	"Yuvelirprom" Az. PE	15	Yasamal
40	758	288	"Igrar" company	17	Yasamal
41	295	164	"Azerbaijan" fish smoking plant	10	Nasimi
42	634	280	Wagon repair plant	17	Nasimi
43	633	279	Baku wagon depot	17	Nasimi
44	281	161	"Goyazen" JS	10	Nasimi
45	402	186	"Trikotaj" OTJS	11	Nasimi
46	429	195	Furniture factory <sup>11</sup>	12	Nasimi
47	113	80	"SAF" small production enterprise	8	Nasimi
48	449	202	"Gizil Sherg" printing house	14	Nasimi
49	280	160	"Iceberg" JS	10	Nasimi
50	460	209	"Minali gablar" OTJS	15	Nasimi
51	505	244	Transport mechanism head production department	16	Nasimi
52	624	278	"Prachechnaya" PE	17	Nasimi
53	459	208	"Hadiyalar" OTJS	15	Nasimi
54	450	203	Baku book printing house <sup>13</sup>	14	Nasimi
55	291	163	Baku tea factory	10	Nasimi
56	430	196	Debos LTD	12	Nasimi
57	61		IRMAK-BAKU LTD	7	Nasimi
58	200		"Zaur" company	9	Nasimi
59	399	183	"Bakihanov Tikish" JS	11	Nasimi
60	400	184	"Idman" PE	11	Nasimi
61	550	269	Kishli wagon depot	17	Narimanov
62	458	207	"Electroshtamp" Baku experimental plant	15	Narimanov
63	112	79	Baku tyre plant	8	Narimanov
64	98	68	"Azelectroterm" NPO	8	Narimanov
65	598	276	Narimanov electric depot	17	Narimanov
66	100	70	"BAKMIL" JV	8	Narimanov
67	268		Baku bread combine named G.Z.Tagiyev	10	Narimanov
68	105	74	Baku plant for high-voltage equipment	8	Narimanov
69	104	73	Lease enterprise Baku plant for steel ropes	8	Narimanov
70	101	71	"Ulduz" NPO	8	Narimanov
71	261	154	"Arzu" SE	10	Narimanov
72	608		Azersun Satish ve Baglama	17	Narimanov
73	393		"Sharg" company	11	Narimanov
74	107		MVD industrial combine	8	Narimanov
75	103	72	"Chinar" PE	8	Narimanov
76	102		AzNIMash	8	Narimanov
77	108	76	Baku Mechanic-foundry plant	8	Narimanov
78	99	69	"Bakkondicioner" NPO	8	Narimanov

79	396		"Nalim" company	11	Narimanov
80	97	67	"Azerelectromash" NPO	8	Narimanov
81	109	77	"Electrocentrolit" plant	8	Narimanov
82	110	78	Baku plant for household devices	8	Narimanov
83	272	159	Baku wine-making plant <sup>12</sup>	10	Narimanov
84	443		Goods for people JS	13	Narimanov
85	435	198	"Inter Design" company	12	Narimanov
86	491		Auto base	16	Narimanov
87	120		Baku boiler-mechanic plant	8	Nizami
88	463	210	"Azerelectrosvet"	15	Nizami
89	209		Bak JBI-2 OTJS	6	Nizami
90	434		Dington Holding S.A.	12	Nizami
91	321	169	"Bak Miaso" OTJS	10	Nizami
92	444	200	Shoe factory <sup>12</sup> OTJS	13	Nizami
93	115	82	Baku EVM plant	15	Nizami
94	117	83	Kishli Machinery plant	8	Nizami
95	118	84	Machinery plant named Musabekov	8	Nizami
96	116		"Tamirmash" OTJS	8	Nizami
97	31	26	"Azneftyanajag" PE	3	Nizami
98	207	133	Baku combine for slate and ceramic production	14	Nizami
99	432		"Savalan" furniture factory	12	Nizami
100	324	170	Wine plant <sup>11</sup>	10	Nizami
101	197	129	OTJS JBI-7	9	Nizami
102	331		Tobacco combine	10	Nizami
103	205	131	"Aztunelmetrostroy" JBK	9	Nizami
104	212		Test-experimental plant OTJS	9	Nizami
105	508		"Azkal" AZ-Turkish JV	16	Nizami
106	210		JBI-4	9	Nizami
107	35	30	"Azerenerji" OTJS,"OP and PE",Baku TEC-2.	4	Nizami
108	119		State Bearing plant	8	Nizami
109	671		"Azertonmetrostroy" JS UTS-3	17	Nizami
110	106	75	MSZ named Sattarhan	8	Nizami
111	211		SMU-204	16	Nizami
112	97	67	"Mahmud-topchu" PKF	8	Hatai
113	91		"Bakmetal" SE	8	Hatai
114	253	152	Baku Bread plant <sup>16</sup> OTJS	10	Hatai
115	457		"Metallokultbit" plant	15	Hatai
116	57	45	Bakhimfarmzavod	7	Hatai
117	448		"Sharg-Garb" printing house	14	Hatai
118	487	227	Baku machinery plant	16	Hatai
119	168	115	"BAK-PIM" Enterprise for production of aluminum profiles	9	Hatai
120	182	120	Reinforced concrete constructions plant	9	Hatai
121	92	64	"Radiostroyeniye" BPO	8	Hatai
122	173	119	"Mramor" JS	9	Hatai
123	578	273	Bakgorkanalizaciya	17	Hatai
124	391	182	BTSO named G.Z.Tagiyev	11	Hatai
125	586		OJKH-va	17	Hatai
126	486	226	SRZ named Zakfederacii	16	Hatai
127	93	65	Bakneftprommash	9	Hatai

128	248	148	"Araz" OOOT	10	Hatai
129	390		"NIKA" company	11	Hatai
130	696		BUTT	17	Hatai
131	175		Communal-construction cooperation	9	Hatai
132	183	121	Stratdetal plant	9	Hatai
133	40	34	Azergazproduction transport enterprise	5	Hatai
134	255		BAKFRANCE JV	10	Hatai
135	47	40	"Arzu" commercial company	6	Hatai
136	52	43	"Ulduz" PKF	6	Hatai
137	41	35	Bakneft Base	4	Hatai
138	257	153	Medic PRO LTD.	10	Hatai
139	51		"Samira" production commercial company	6	Hatai
140	30	25	"Azeko" JV	3	Hatai
141	172	118	"Miskar" JV	9	Hatai
142	28	23	"Azerneftiyag"	3	Hatai
143	577	272	"Azenergoremnaladka" named S.I.Latifov	17	Hatai
144	590	275	Poduction-repair enterprise	17	Hatai
145	43	37	PTS and VK. Heating networks and water heating boilers enterprise	5	Hatai
146	42	36	Baku TEC-1 named Bayramzade	5	Hatai
147	591		TSU-2	17	Hatai
148	3	3	Marine Dept.exploration drilling of Bulla	8	Qaradag
149	4	4	"Bulla-Sea" NGDU	1	Qaradag
150	39	33	Azerbaijan Gas-refining plant	5	Qaradag
151	46	39	Baku hypsum plant	6	Qaradag
152	166	114	Baku plant for weights	9	Qaradag
153	5	5	NGDU named Amirov	1	Qaradag
154	88		Karadag machinery plant	8	Qaradag
155	90	63	"Svarka" production-technical center	8	Qaradag
156	34	29	Management of electric power	5	Qaradag
157	165	113	Plant for deep basements	9	Qaradag
158	38	32	"Putu" main oil station PE	5	Qaradag
159	18	16	"Gunay" (Guzdak) SE	9	Qaradag
160	20	18	Construction combinate named Nazarov	9	Qaradag
161	772		SMU-1	17	Qaradag
162	21		Baku limestone plant	9	Qaradag
163	19	17	"Vulkan" construction materials combinate	9	Qaradag
164	167		Non-ferrous metals plant	9	Qaradag
165	163	112	"ELIT TATIRIM VETICARET LTD.STI	9	Qaradag
166	16	15	"Korgez" combinate for construction materials	9	Qaradag
167	33	28	Baku Central Electric network	4	Binagadi
168	439		"BOT" OTJS	13	Binagadi
169	533	265	Baladjari distance civil Construction	17	Binagadi
170	476		SMU-203	16	Binagadi
171	478		SMU-8	16	Binagadi
172	81	60	"Pompribor" NPO Azerbaijan	8	Binagadi
173	477		SUM-7	16	Binagadi
174	154	108	DSK-2	9	Binagadi
175	159		"Baku poladtokma" OTJS	9	Binagadi

176	158	110	JBI-6	9	Binagadi
177	150	105	Asphalt-concrete plant	9	Binagadi
178	155	109	DSK-3	9	Binagadi
179	551		Road workshops for cars and mechanism repair	17	Binagadi
180	535	266	Baladjari train depot	17	Binagadi
181	162	111	JBI-8 plant	9	Binagadi
182	537	268	Baladjari wagon depot	17	Binagadi
183	536	267	Baladjari steam station	17	Binagadi
184	151	106	Combinate for r/w constructions	9	Binagadi
185	313	165	SHOLLAR Bottling Company	10	Binagadi
186	534		Baladjari distance alarm and communication AGJD	17	Binagadi
187	83	61	Experimental plant for Space units construction	8	Binagadi
188	80		"Azstankoprom" PE	8	Binagadi
189	82		Az. NPS enterprise	8	Binagadi
190	237	146	"PEPSI COLA Azerbaijan" MARS Oversias Baku LTD/	10	Binagadi
191	242		Baku BOTTTLERS LTD.	10	Binagadi
192	314	166	"Tadj" company	10	Binagadi
193	555		TUKM (Technical joint of cable pathes)	17	Binagadi
194	529	264	"Contour" APPP	17	Binagadi
195	84	62	Machinery plant B.Sardarov	8	Binagadi
196	153	107	DSK <sup>1</sup>	9	Binagadi
197	2	2	Binagadi neft NGDU	1	Binagadi
198	68	50	Baku iodine plant	7	Sabunchi
199	416	190	Haberdashery-knitted factory named Narimanov	11	Sabunchi
200	415		Children wear factory	11	Sabunchi
201	137	96	"Neftegazmash" BMZ	8	Sabunchi
202	138	97	Zabrat machinery plant	8	Sabunchi
203	751	287	"Azal-helicopter"	17	Sabunchi
204	127	91	"Azneftimash" machinery plant	8	Sabunchi
205	750		Central base for services production	17	Sabunchi
206	36		Apsheron electric network	4	Sabunchi
207	131	93	BMGZ	8	Sabunchi
208	133	94	"Bakinskiy Rabochiy" MSZ	8	Sabunchi
209	417		Zabrat spinning combinate	11	Sabunchi
210	366	177	Baku wine-making factory	10	Sabunchi
211	362	174	Bakihanov-bread JS	10	Sabunchi
212	8	8	"Balahani neft" HGDU	1	Sabunchi
213	135	95	Test-experimental plant named Azizbekov	8	Sabunchi
214	220		"Ilham" company	9	Sabunchi
215	221		Sabunchi asphalt-bitumen plant	9	Sabunchi
216	27	22	"Mayak" carrier	9	Sabunchi
217	365		"Bak FEM"	10	Sabunchi
218	7	7	Apsheron UBR	8	Sabunchi
219	130	92	Balahani Machinery plant	8	Sabunchi
220	44	38	Main oil pipeline PE	5	Surahani
221	139		"NORD" NPO	8	Surahani
222	140	98	Baku machinery plant for production of oil-refining equipment	8	Surahani
223	223		"Shalala-A" company	9	Surahani
224	352	172	Gousani fish-cannery plant	10	Surahani

225	142	100	Exp. enterp. for production and repair of immersible devises	8	Surahani
226	9	9	Management of increase layers gathering	1	Surahani
227	141	99	Baku plant for oil-exploration devises	8	Surahani
228	225	140	Brick plant	9	Surahani
229	146	103	Baku plant for rubber goods	8	Surahani
230	10	10	Surahani nefit NGDU	1	Surahani
231	144	101	Surahani machinery plant	8	Surahani
232	145	102	"Baku dry transformers" JS	8	Surahani
233	446	201	Leather Joint Stock	13	Surahani
234	32	27	"Severnaya" GRES	4	Azizbekov
235	231	143	"Mardakani-hleb" JS	10	Azizbekov
236	525	262	Baku Airport	17	Azizbekov
237	37	31	"Magistralniye nefteprovodi" PE, "Dubendi" oil refinery station	5	Azizbekov
238	1	1	NGDU named Z.Tagiyev	1	Azizbekov
239	78	59	Baku Electric Automate	8	Azizbekov
240	236	145	"Makaronnaya Fabrika" JS	10	Azizbekov
241	75	56	Test-experimental "Orgtechnica" plant	8	Azizbekov
242	74	55	Gazoapparat	8	Azizbekov
243	468	212	Auto column '2106	16	Azizbekov
244	76	57	Baku aluminum-rolling plant	8	Azizbekov
245	77	58	"Electromashina" Baku plant	8	Azizbekov
246	73	54	Kalinin machinery plant	8	Azizbekov
247	386		"Aynur" enterprise	11	Azizbekov
248	71	52	Baku plant for refining of non-ferrous metals	8	Azizbekov
249	72	53	Baku plant for oil-gas gathering equipment	8	Azizbekov
250	235		"Halita" sport club	10	Azizbekov

### 3.3.2 Detailed Survey Results

#### a. Review of Environmental Passport

The results of the survey are presented in the tables below.



## a.1 Summary of the Survey Results

### a.1.1 Energy Consumption Summary

Factory		1-Electricity (103W.h/y)		2-Gas (10 m3/year)		3-Coal (Ton/y)		4-LPG (Ton/y)		5-Petroleum (Ton/y)		6-Heavy Oil (Ton/y)		7-Thermal Energy (Kkal/y)	
Type	Category	Present	Passport	Present	Passport	Present	Passport	Present	Passport	Present	Passport	Present	Passport	Present	Passport
1. Mining	01. Oil and gas production	153,653	163,270	76,688	69,750					2,816	2,276	677	212	654	654
<b>1. Mining Total</b>		<b>153,653</b>	<b>163,270</b>	<b>76,688</b>	<b>69,750</b>					<b>2,816</b>	<b>2,276</b>	<b>677</b>	<b>212</b>	<b>654</b>	<b>654</b>
2. Energy	03. Oil Refining	192	963	110,114	110,130					150,000	150,000	50,444	58,053		
	04. Electricity (generation, transmission, distribution, etc)	41,835	36,853	9,453				2				25,217		59,994	
	05. Other energy (gas, district heating, thermal energy supply, etc.)	70,845	27,897,134	146,851	168,533							79,083	123,200	225,264	13,042
<b>2. Energy Total</b>		<b>112,872</b>	<b>27,934,949</b>	<b>266,418</b>	<b>278,663</b>			<b>2</b>		<b>150,000</b>	<b>150,000</b>	<b>154,744</b>	<b>181,253</b>	<b>285,258</b>	<b>13,042</b>
3. Manufacturing	06. Cement (production, distribution, etc.)	538	1,724	210	850										
	07. Chemical product	761	9,402	63	1,764										
	08. Machinery	1,997,454	2,523,987	1,383,274	1,369,931			15,521	20,739	11,424	84,165	299	343	7,033	33,190
	09. Construction materials (brick, panel, roof, wall, door, etc.)	111,350	34,393	5,537	10,120			4,650	3,970	146	107	984	1,220	50	225
	10. Food, Beverage, Tobacco industry	19,630	31,716	5,874	22,930				1	668	513	302	4,169	1,710	
	11. Textile and wearing apparel industry	7,916	17,651	934	1,573					6			2,396		75,391
	12. Wood industry (furniture, etc.)	48,711	299	0											0
	13. Leather industry	843,698	353	21	804					10	150				
	14. Paper industries (pulp, paper, paper board, container, printing, etc.)	4,619	8,586	4,113	11,552									21,000	31,307
	15. Other consumer products	1,548	22,118	40	8,934			45	2		3		3		40,000
<b>3. Manufacturing Total</b>		<b>3,036,226</b>	<b>2,650,228</b>	<b>1,400,065</b>	<b>1,428,458</b>			<b>20,216</b>	<b>24,712</b>	<b>12,256</b>	<b>84,938</b>	<b>1,584</b>	<b>8,131</b>	<b>29,793</b>	<b>180,114</b>
4. Other Industries	16. Factory maintenance, machine maintenance, ship maintenance, etc.	11,992	20,754	1,082	980,682			11	6	4,748	471	512	1,404		
	17. All of other services	1,272,762	1,249,541	4,727	9,336	2,250	2,250	4	11	29,715	3,306	3,023	11,009	1,475	90
<b>4. Other Industries Total</b>		<b>1,284,754</b>	<b>1,270,295</b>	<b>5,809</b>	<b>990,019</b>	<b>2,250</b>	<b>2,250</b>	<b>15</b>	<b>17</b>	<b>34,464</b>	<b>3,777</b>	<b>3,535</b>	<b>12,413</b>	<b>1,475</b>	<b>90</b>
<b>Grand Total</b>		<b>4,587,505</b>	<b>32,018,743</b>	<b>1,748,981</b>	<b>2,766,890</b>	<b>2,250</b>	<b>2,250</b>	<b>20,232</b>	<b>24,729</b>	<b>199,536</b>	<b>240,991</b>	<b>160,540</b>	<b>202,009</b>	<b>317,180</b>	<b>193,900</b>

### a.1.2 Waste Gas Discharge Summary

Factory		Total Volume of Flue Gas (Nm <sup>3</sup> /h)		Amount of Pollution discharge into atmosphere (ton/y)						Average Concentration of Pollutants (mg/Nm <sup>3</sup> )						
				SOx		NOx		Particulate		SOx		NOx		Particulate		
Type	Category	Present	Passport	Present	Passport	Present	Passport	Present	Passport	Present	Passport	Present	Passport	Present	Passport	
1. Mining	01. Oil and gas production	22,120.0	25,480.3	69.8	17.5	1,778.2	17,873.2	0.3	1.1							
<b>1. Mining Total</b>		<b>22,120.0</b>	<b>25,480.3</b>	<b>69.8</b>	<b>17.5</b>	<b>1,778.2</b>	<b>17,873.2</b>	<b>0.3</b>	<b>1.1</b>							
2. Energy	03. Oil Refining	270,000.0	510,000.0	336.2	303.9	154.0	162.4	8.0	10.5	192.1	197.2	126.5	103.6			
	04. Electricity (generation, transmission, distribution, etc)		192,636.0							0.5	0.1	0.1	0.1	0.2	0.0	
	05. Other energy (gas, district heating, thermal energy supply, etc.)	2,020,070.0	2,160,720.0	52.4	103.2	85.2	130.0	0.4	1.0	165.0	103.1	46.3	75.1	1.2	13.0	
<b>2. Energy Total</b>		<b>2,290,070.0</b>	<b>2,863,356.0</b>	<b>388.6</b>	<b>407.1</b>	<b>239.2</b>	<b>292.7</b>	<b>8.4</b>	<b>11.5</b>	<b>142.9</b>	<b>100.1</b>	<b>69.2</b>	<b>59.6</b>	<b>0.7</b>	<b>4.4</b>	
3. Manufacturing	06. Cement (production, distribution, etc.)			23.9	23.9	5.7	3.9	32.3	38.3							
	07. Chemical product	10.0						48.9				0.5		2.5	132.0	
	08. Machinery	18,176.8	28,301.6	324.0	333.3	353.3	588.8	70.3	196.9	0.9	13.3	5.0	238.4	42.2	32.9	
	09. Construction materials (brick, panel, roof, wall, door, etc.)	1,313.4	1,727.1	7.7	11.5	9.3	42.7	2,468.3	2,868.3	0.5	0.1	2.3	195.9	32.8	21.8	
	10. Food, Beverage, Tobacco industry	13,175.7	20,841.7	8.2	43.3	7.6	32.3	4.8	3.4	8.1	0.7	20.5	6.4	1.0	0.4	
	11. Textile and wearing apparel industry	334.0	922.4			0.5	0.1	0.2	2.1	59.0	0.2	0.3	3.3	2.7	2.0	2.4
	12. Wood industry (furniture, etc.)						49.6		31.3							
	13. Leather industry						0.3	4.2	0.0	0.3				0.0		0.2
	14. Paper industries (pulp, paper, paper board, container, printing, etc.)	1,329.0						17.1		74.4			0.2	0.2	9.1	8.8
	15. Other consumer products	0.0	880.1			0.3		19.8		46.0		0.8	0.1	0.2	6.6	3.5
<b>3. Manufacturing Total</b>		<b>34,338.9</b>	<b>52,672.9</b>	<b>363.8</b>	<b>412.8</b>	<b>426.0</b>	<b>757.9</b>	<b>2,609.2</b>	<b>3,290.4</b>	<b>4.3</b>	<b>6.9</b>	<b>9.5</b>	<b>115.3</b>	<b>16.9</b>	<b>19.7</b>	
4. Other Industries	16. Factory maintenance, machine maintenance, ship maintenance, etc.			0.9	14.0	38.1	74.3	20.8	17.1		0.1		0.0		0.3	
	17. All of other services	3,341.8	7,124.7	169.1	164.4	632.5	558.7	40.1	51.9	66.5	92.9	6.4	30.5	1.7	2.2	
<b>4. Other Industries Total</b>		<b>3,341.8</b>	<b>7,124.7</b>	<b>170.0</b>	<b>178.5</b>	<b>670.6</b>	<b>633.0</b>	<b>60.9</b>	<b>69.0</b>	<b>66.5</b>	<b>74.3</b>	<b>6.4</b>	<b>27.1</b>	<b>1.7</b>	<b>1.7</b>	
<b>Grand Total</b>		<b>2,349,870.7</b>	<b>2,948,633.8</b>	<b>992.3</b>	<b>1,015.9</b>	<b>3,113.9</b>	<b>19,556.8</b>	<b>2,678.8</b>	<b>3,371.9</b>	<b>67.1</b>	<b>42.7</b>	<b>16.9</b>	<b>90.3</b>	<b>13.5</b>	<b>15.8</b>	

### a.1.3 Wastewater Discharge Summary

Factory		Volume of Wastewater From Factories		Average Concentration					
				BPK (mg/l)		HPK (mg/l)		Suspended Solid (mg/l)	
Type	Category	Present	Passport	Present	Passport	Present	Passport	Present	Passport
1. Mining	01. Oil and gas production	1,417.46	1,443.05	12.30	9.75		43.00	39.97	33.93
<b>1. Mining Total</b>		<b>1,417.46</b>	<b>1,443.05</b>	<b>12.30</b>	<b>9.75</b>		<b>43.00</b>	<b>39.97</b>	<b>33.93</b>
2. Energy	03. Oil Refining	1,711.08	3,885.77	7.10	1.43	146.00	146.00	27.13	20.47
	04. Electricity (generation, transmission, distribution, etc)	8,327.21	17,590.97	1.70	121.50		283.70		4.95
	05. Other energy (gas, district heating, thermal energy supply, etc.)	1,939.54	58.05	2.00	135.20		500.00	29.82	101.24
<b>2. Energy Total</b>		<b>11,977.83</b>	<b>21,534.79</b>	<b>5.00</b>	<b>92.33</b>	<b>146.00</b>	<b>268.93</b>	<b>28.48</b>	<b>63.62</b>
3. Manufacturing	06. Cement (production, distribution, etc.)	602.78	2.78	360.00	375.00	427.00	500.00	535.00	375.00
	07. Chemical product	2.14	4.45	210.10	132.25	240.30	283.70	2.10	14.25
	08. Machinery	2,203.10	921.22	56.33	160.27	116.06	235.60	48.82	116.76
	09. Construction materials (brick, panel, roof, wall, door, etc.)	442.53	806.82	211.00	161.57	226.85	191.93	15.85	45.06
	10. Food, Beverage, Tobacco industry	94.31	52.22	189.79	225.86	197.08	265.31	85.31	117.06
	11. Textile and wearing apparel industry	51.81	546.88	226.47	261.40	264.50	751.10	3.07	47.17
	12. Wood industry (furniture, etc.)	1.58	1.27		120.10		283.70		3.24
	13. Leather industry	0.51	4.80						
	14. Paper industries (pulp, paper, paper board, container, printing, etc.)	54.70	47.97	305.50	207.97	391.50	264.03	197.90	185.65
15. Other consumer products	46.02	131.99	135.10	216.45	250.70	273.43	8.60	141.45	
<b>3. Manufacturing Total</b>		<b>3,499.48</b>	<b>2,520.40</b>	<b>160.41</b>	<b>200.14</b>	<b>212.05</b>	<b>321.07</b>	<b>73.87</b>	<b>107.99</b>
4. Other Industries	16. Factory maintenance, machine maintenance, ship maintenance, etc.	57.82	58.00	0.21	79.26	0.23	123.01	12.00	49.36
	17. All of other services	835.04	1,124.70	152.10	154.91	242.87	247.74	28.76	65.84
<b>4. Other Industries Total</b>		<b>892.86</b>	<b>1,182.70</b>	<b>121.72</b>	<b>129.69</b>	<b>182.21</b>	<b>192.30</b>	<b>26.66</b>	<b>59.25</b>
<b>Grand Total</b>		<b>17,787.63</b>	<b>26,680.94</b>	<b>134.02</b>	<b>163.36</b>	<b>205.25</b>	<b>293.64</b>	<b>59.13</b>	<b>89.91</b>

### a.1.4 Industrial Waste Generation Summary

Factories		Waste Oil (ton/y)		Oil Sludge (ton/y)		Non-Oily Organic Sludge (ton/y)		Inorganic Sludge (ton/y)		Waste Chemical (ton/y)		Burnable Solid Waste (ton/y)		Non-Burnable Solid Waste (ton/y)		Other Waste (ton/y)		Total		
Type	Category	Present	E/P	Present	E/P	Present	E/P	Present	E/P	Present	E/P	Present	E/P	Present	E/P	Present	E/P	Present	E/P	
1. Mining	01. Oil and gas production	4.00	4.20	230.53	284.15									33.25	33.25			267.78	321.60	
<b>1. Mining Total</b>		<b>4.00</b>	<b>4.20</b>	<b>230.53</b>	<b>284.15</b>									<b>33.25</b>	<b>33.25</b>			<b>267.78</b>	<b>321.60</b>	
2. Energy	03. Oil Refining			0.40	1.80									150.00	500.00			150.40	501.80	
	04. Electricity (generation, transmission, distribution, etc)	1.00				15.00									44,100.00	30.00		46.00	44,100.00	
	05. Other energy (gas, district heating, thermal energy supply, etc.)	2.00				25.00										48.00		75.00		
<b>2. Energy Total</b>		<b>3.00</b>		<b>0.40</b>	<b>1.80</b>	<b>40.00</b>								<b>150.00</b>	<b>44,600.00</b>	<b>78.00</b>		<b>271.40</b>	<b>44,601.80</b>	
3. Manufacturing	06. Cement (production, distribution, etc.)													7.20				7.20		
	07. Chemical product	2.00								9,900.00		0.60	4.00	0.20		12.50		9,915.30	4.00	
	08. Machinery	31.20	56.14	160.00	200.00	3,204.00	3,200.65	65.44	1,055.46	12.08	160.12	56.03	28.52	635.88	4,269.03	127.36	76.58	4,291.98	9,046.50	
	09. Construction materials (brick, panel, roof, wall, door, etc.)	3.00	7.00						9.00	7,010.00			6.00	0.09	77,524.15	127,378.31	11.00	2.00	77,553.15	134,397.40
	10. Food, Beverage, Tobacco industry	3.00		21.00						19.15	13.10	187.18	311.65	0.90	11.30	37.10	1,051.44	268.33	1,387.49	
	11. Textile and wearing apparel industry									3.40	138.30	6.46	12.30	6.00	40.00	44.02		59.88	190.60	
	12. Wood industry (furniture, etc.)											62.46	7.00					62.46	7.00	
	13. Leather industry											10.19	1.71					10.19	1.71	
	14. Paper industries (pulp, paper, paper board, container, printing, etc.)											222.08		0.35	271.35	2.00		224.43	271.35	
	15. Other consumer products	4.70										32.10	8.00	42.20	81.50	78.10	203.20	157.10	292.70	
<b>3. Manufacturing Total</b>		<b>43.90</b>	<b>63.14</b>	<b>181.00</b>	<b>200.00</b>	<b>3,204.00</b>	<b>3,200.65</b>	<b>74.44</b>	<b>8,065.46</b>	<b>9,934.63</b>	<b>311.52</b>	<b>583.11</b>	<b>373.26</b>	<b>78,216.88</b>	<b>132,051.49</b>	<b>312.07</b>	<b>1,333.22</b>	<b>92,550.02</b>	<b>145,598.75</b>	
4. Other Industries	16. Factory maintenance, machine maintenance, ship maintenance, etc.	44.58	53.72									3.30	21.60	387.10	364.75	19.00		453.98	440.07	
	17. All of other services	3.96	5.15	119.00	157.00	39,442.00						3,902.70	6.00	1,340.71	1,428.57	1,541.00	3,000.00	46,349.37	4,596.72	
<b>4. Other Industries Total</b>		<b>48.53</b>	<b>58.87</b>	<b>119.00</b>	<b>157.00</b>	<b>39,442.00</b>						<b>3,906.00</b>	<b>27.60</b>	<b>1,727.81</b>	<b>1,793.32</b>	<b>1,560.00</b>	<b>3,000.00</b>	<b>46,803.35</b>	<b>5,036.79</b>	
<b>Grand Total</b>		<b>99.43</b>	<b>126.21</b>	<b>530.93</b>	<b>642.95</b>	<b>42,686.00</b>	<b>3,200.65</b>	<b>74.44</b>	<b>8,065.46</b>	<b>9,934.63</b>	<b>311.52</b>	<b>4,489.11</b>	<b>400.86</b>	<b>80,127.94</b>	<b>178,478.05</b>	<b>1,950.07</b>	<b>4,333.22</b>	<b>139,892.55</b>	<b>195,558.94</b>	

## a.2 Energy Consumption Analysis

Categories of Factories		1-Electricity(103W.h/year)									
		Present					E/Passport				
Type	No	Fr.	Total	Average	Maximum	Minimum	Fr.	Total	Average	Maximum	Minimum
1. Mining	01	6	153,653	25,609	81,024	33	6	163,270	27,212	116,132	33
<b>1. Mining Total</b>		<b>6</b>	<b>153,653</b>	<b>25,609</b>	<b>81,024</b>	<b>33</b>	<b>6</b>	<b>163,270</b>	<b>27,212</b>	<b>116,132</b>	<b>33</b>
2. Energy	03	1	192	192	192	192	1	963	963	963	963
	04	5	41,835	8,367	37,547	120	1	36,853	36,853	36,853	36,853
	05	4	70,845	17,711	35,934	1,225	7	27,897,134	3,985,305	24,820,268	272
<b>2. Energy Total</b>		<b>10</b>	<b>112,872</b>	<b>11,287</b>	<b>37,547</b>	<b>120</b>	<b>9</b>	<b>27,934,949</b>	<b>3,103,883</b>	<b>24,820,268</b>	<b>272</b>
3. Manufacturing	06	5	538	108	420	10	3	1,724	575	1,700	12
	07	5	761	152	500	0	4	9,402	2,350	4,800	200
	08	60	1,997,454	33,291	1,230,200	2	44	2,523,987	57,363	1,482,000	35
	09	34	111,350	3,275	86,000	1	22	34,393	1,563	14,976	7
	10	28	19,630	701	3,926	2	21	31,716	1,510	15,000	43
	11	11	7,916	720	6,000	1	7	17,651	2,522	10,156	30
	12	5	48,711	9,742	48,000	3	4	299	75	130	11
	13	4	843,698	210,925	843,460	28	1	353	353	353	353
	14	6	4,619	770	3,204	60	4	8,586	2,147	5,408	110
	15	8	1,548	194	720	1	6	22,118	3,686	9,000	10
<b>3. Manufacturing Total</b>		<b>166</b>	<b>3,036,226</b>	<b>18,291</b>	<b>1,230,200</b>	<b>0</b>	<b>116</b>	<b>2,650,228</b>	<b>22,847</b>	<b>1,482,000</b>	<b>7</b>
4. Other Industries	16	14	11,992	857	6,580	10	8	20,754	2,594	10,250	25
	17	25	1,272,762	50,910	377,807	2	14	1,249,541	89,253	890,400	3
<b>4. Other Industries Total</b>		<b>39</b>	<b>1,284,754</b>	<b>32,942</b>	<b>377,807</b>	<b>2</b>	<b>22</b>	<b>1,270,295</b>	<b>57,741</b>	<b>890,400</b>	<b>3</b>
<b>Grand Total</b>		<b>221</b>	<b>4,587,505</b>	<b>20,758</b>	<b>1,230,200</b>	<b>0</b>	<b>153</b>	<b>32,018,743</b>	<b>209,273</b>	<b>24,820,268</b>	<b>3</b>

Categories of Factories		2-Gas(10 m3/year)									
		Present					E/Passport				
Type	No	Fr.	Total	Average	Maximum	Minimum	Fr.	Total	Average	Maximum	Minimum
1. Mining	01	6	76,688	12,781	29,484	5,000	5	69,750	13,950	29,494	2,192
<b>1. Mining Total</b>		<b>6</b>	<b>76,688</b>	<b>12,781</b>	<b>29,484</b>	<b>5,000</b>	<b>5</b>	<b>69,750</b>	<b>13,950</b>	<b>29,494</b>	<b>2,192</b>
2. Energy	03	2	110,114	55,057	110,000	114	2	110,130	55,065	110,000	130
	04	2	9,453	4,727	8,981	472					
	05	3	146,851	48,950	87,820	11,306	3	168,533	56,178	109,500	11,306
<b>2. Energy Total</b>		<b>7</b>	<b>266,418</b>	<b>38,060</b>	<b>110,000</b>	<b>114</b>	<b>5</b>	<b>278,663</b>	<b>55,733</b>	<b>110,000</b>	<b>130</b>
3. Manufacturing	06	1	210	210	210	210	1	850	850	850	850
	07	2	63	32	48	15	2	1,764	882	1,614	150
	08	34	1,383,274	40,685	1,228,000	0	37	1,369,931	37,025	1,338,200	0
	09	17	5,537	326	1,770	3	14	10,120	723	2,100	24
	10	19	5,874	309	1,200	1	15	22,930	1,529	12,000	36
	11	4	934	233	420	34	4	1,573	393	633	50
	12	1	0	0	0	0					
	13	1	21	21	21	21	2	804	402	580	224
	14	2	4,113	2,057	2,200	1,913	2	11,552	5,776	6,776	4,776
	15	2	40	20	24	16	5	8,934	1,787	7,000	8
<b>3. Manufacturing Total</b>		<b>83</b>	<b>1,400,065</b>	<b>16,868</b>	<b>1,228,000</b>	<b>0</b>	<b>82</b>	<b>1,428,458</b>	<b>17,420</b>	<b>1,338,200</b>	<b>0</b>
4. Other Industries	16	6	1,082	180	389	7	4	980,682	245,171	980,000	103
	17	7	4,727	675	1,448	11	5	9,336	1,867	6,900	110
<b>4. Other Industries Total</b>		<b>13</b>	<b>5,809</b>	<b>447</b>	<b>1,448</b>	<b>7</b>	<b>9</b>	<b>990,019</b>	<b>110,002</b>	<b>980,000</b>	<b>103</b>

<b>Grand Total</b>	<b>109</b>	<b>1,748,981</b>	<b>16,046</b>	<b>1,228,000</b>	<b>0</b>	<b>101</b>	<b>2,766,890</b>	<b>27,395</b>	<b>1,338,200</b>	<b>0</b>
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Categories of Factories		3-Coal (ton/y)									
		Present					E/Passport				
Type	No	Fr.	Total	Average	Maximum	Minimum	Fr.	Total	Average	Maximum	Minimum
1. Mining	01										
<b>1. Mining Total</b>											
2. Energy	03										
	04										
	05										
<b>2. Energy Total</b>											
3. Manufacturing	06										
	07										
	08										
	09										
	10										
	11										
	12										
	13										
	14										
	15										
<b>3. Manufacturing Total</b>											
4. Other Industries	16										
	17	1	2,250	2,250	2,250	2,250	1	2,250	2,250	2,250	2,250
<b>4. Other Industries Total</b>		<b>1</b>	<b>2,250</b>	<b>2,250</b>	<b>2,250</b>	<b>2,250</b>	<b>1</b>	<b>2,250</b>	<b>2,250</b>	<b>2,250</b>	<b>2,250</b>
<b>Grand Total</b>		<b>1</b>	<b>2,250</b>	<b>2,250</b>	<b>2,250</b>	<b>2,250</b>	<b>1</b>	<b>2,250</b>	<b>2,250</b>	<b>2,250</b>	<b>2,250</b>

Categories of Factories		4-LPG(ton/year)									
		Present					E/Passport				
Type	No	Fr.	Total	Average	Maximum	Minimum	Fr.	Total	Average	Max	Min
1. Mining	01										
<b>1. Mining Total</b>											
2. Energy	03										
	04	1	2	2	2	2	2				
	05										
<b>2. Energy Total</b>		<b>1</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>				
3. Manufacturing	06										
	07										
	08	10	15,521	1,552	8,799	0	8	20,739	2,592	19,600	1
	09	4	4,650	1,162	3,929	1	2	3,970	1,985	3,929	41
	10						1	1	1	1	1
	11										
	12										
	13										
	14										
	15	1	45	45	45	45	1	2	2	2	2
<b>3. Manufacturing Total</b>		<b>15</b>	<b>20,216</b>	<b>1,348</b>	<b>8,799</b>	<b>0</b>	<b>12</b>	<b>24,712</b>	<b>2,059</b>	<b>19,600</b>	<b>1</b>
4. Other Industries	16	1	11	11	11	11	1	6	6	6	6
	17	8	4	1	1	0	4	11	3	4	1
<b>4. Other Industries Total</b>		<b>9</b>	<b>15</b>	<b>2</b>	<b>11</b>	<b>0</b>	<b>5</b>	<b>17</b>	<b>3</b>	<b>6</b>	<b>1</b>
<b>Grand Total</b>		<b>25</b>	<b>20,232</b>	<b>809</b>	<b>8,799</b>	<b>0</b>	<b>17</b>	<b>24,729</b>	<b>1,455</b>	<b>19,600</b>	<b>1</b>

Categories of Factories		5-Petroleum(ton/y)									
		Present					E/Passport				
Type	No	Fr.	Total	Average	Maximum	Minimum	Fr.	Total	Average	Maximum	Minimum
1. Mining	01	4	2,816	704	1,267	280	4	2,276	569	872	390
<b>1. Mining Total</b>		<b>4</b>	<b>2,816</b>	<b>704</b>	<b>1,267</b>	<b>280</b>	<b>4</b>	<b>2,276</b>	<b>569</b>	<b>872</b>	<b>390</b>
2. Energy	03	1	150,000	150,000	150,000	150,000	1	150,000	150,000	150,000	150,000
	04										
	05										
<b>2. Energy Total</b>		<b>1</b>	<b>150,000</b>	<b>150,000</b>	<b>150,000</b>	<b>150,000</b>	<b>1</b>	<b>150,000</b>	<b>150,000</b>	<b>150,000</b>	<b>150,000</b>
3. Manufacturing	06										
	07	1	1	1	1	1					
	08	13	11,424	879	6,282	1	16	84,165	5,260	75,000	3
	09	3	146	49	90	13	1	107	107	107	107
	10	8	668	83	267	10	5	513	103	200	10
	11	1	6	6	6	6					
	12										
	13	1	10	10	10	10	1	150	150	150	150
	14										
	15						1	3	3	3	3
<b>3. Manufacturing Total</b>		<b>27</b>	<b>12,256</b>	<b>454</b>	<b>6,282</b>	<b>1</b>	<b>24</b>	<b>84,938</b>	<b>3,539</b>	<b>75,000</b>	<b>3</b>
4. Other Industries	16	7	4,748	678	3,831	1	2	471	236	350	121
	17	13	29,715	2,286	25,890	1	6	3,306	551	2,837	4
<b>4. Other Industries Total</b>		<b>20</b>	<b>34,464</b>	<b>1,723</b>	<b>25,890</b>	<b>1</b>	<b>8</b>	<b>3,777</b>	<b>472</b>	<b>2,837</b>	<b>4</b>
<b>Grand Total</b>		<b>52</b>	<b>199,536</b>	<b>3,837</b>	<b>150,000</b>	<b>1</b>	<b>37</b>	<b>240,991</b>	<b>6,513</b>	<b>150,000</b>	<b>3</b>

Categories of Factories		6-Heavy Oil(ton/y)									
		Present					E/Passport				
Type	No	Fr.	Total	Average	Max	Min	Fr.	Total	Average	Maximum	Minimum
1. Mining	01	3	677	226	466	6	2	212	106	205	7
<b>1. Mining Total</b>		<b>3</b>	<b>677</b>	<b>226</b>	<b>466</b>	<b>6</b>	<b>2</b>	<b>212</b>	<b>106</b>	<b>205</b>	<b>7</b>
2. Energy	03	2	50,444	25,222	50,406	38	2	58,053	29,027	56,950	1,103
	04	1	25,217	25,217	25,217	25,217					
	05	2	79,083	39,541	77,637	1,446	2	123,200	61,600	120,000	3,200
<b>2. Energy Total</b>		<b>5</b>	<b>154,744</b>	<b>30,949</b>	<b>77,637</b>	<b>38</b>	<b>4</b>	<b>181,253</b>	<b>45,313</b>	<b>120,000</b>	<b>1,103</b>
3. Manufacturing	06										
	07										
	08	8	299	37	166	6	8	343	43	104	21
	09	2	984	492	962	22	2	1,220	610	970	250
	10	3	302	101	212	11	3	4,169	1,390	3,970	18
	11						1	2,396	2,396	2,396	2,396
	12										
	13										
	14										
	15						1	3	3	3	3
<b>3. Manufacturing Total</b>		<b>13</b>	<b>1,584</b>	<b>122</b>	<b>962</b>	<b>6</b>	<b>15</b>	<b>8,131</b>	<b>542</b>	<b>3,970</b>	<b>3</b>
4. Other Industries	16	1	512	512	512	512	1	1,404	1,404	1,404	1,404
	17	7	3,023	432	1,650	6	4	11,009	2,752	8,219	140
<b>4. Other Industries Total</b>		<b>8</b>	<b>3,535</b>	<b>442</b>	<b>1,650</b>	<b>6</b>	<b>5</b>	<b>12,413</b>	<b>2,483</b>	<b>8,219</b>	<b>140</b>
<b>Grand Total</b>		<b>29</b>	<b>160,540</b>	<b>5,536</b>	<b>77,637</b>	<b>6</b>	<b>26</b>	<b>202,009</b>	<b>7,770</b>	<b>120,000</b>	<b>3</b>

Categories of Factories		7-Thermal Energy(Kkal/year)									
		Present					E/Passport				
Type	No	Fr.	Total	Average	Maximum	Minimum	Fr.	Total	Average	Max	Min
1. Mining	01	1	654	654	654	654	1	654	654	654	654
<b>1. Mining Total</b>		<b>1</b>	<b>654</b>	<b>654</b>	<b>654</b>	<b>654</b>	<b>1</b>	<b>654</b>	<b>654</b>	<b>654</b>	<b>654</b>
2. Energy	03										
	04	1	59,994	59,994	59,994	59,994					
	05	3	225,264	75,088	188,028	13,042	1	13,042	13,042	13,042	13,042
<b>2. Energy Total</b>		<b>4</b>	<b>285,258</b>	<b>71,315</b>	<b>188,028</b>	<b>13,042</b>	<b>1</b>	<b>13,042</b>	<b>13,042</b>	<b>13,042</b>	<b>13,042</b>
3. Manufacturing	06										
	07										
	08	2	7,033	3,517	6,500	533	4	33,190	8,298	14,428	0
	09	1	50	50	50	50	1	225	225	225	225
	10	1	1,710	1,710	1,710	1,710					
	11						2	75,391	37,696	58,031	17,360
	12						1	0	0	0	0
	13										
	14	1	21,000	21,000	21,000	21,000	2	31,307	15,654	18,943	12,364
	15						1	40,000	40,000	40,000	40,000
<b>3. Manufacturing Total</b>		<b>5</b>	<b>29,793</b>	<b>5,959</b>	<b>21,000</b>	<b>50</b>	<b>11</b>	<b>180,114</b>	<b>16,374</b>	<b>58,031</b>	<b>0</b>
4. Other Industries	16										
	17	2	1,475	738	900	575	2	90	45	90	0
<b>4. Other Industries Total</b>		<b>2</b>	<b>1,475</b>	<b>738</b>	<b>900</b>	<b>575</b>	<b>2</b>	<b>90</b>	<b>45</b>	<b>90</b>	<b>0</b>
<b>Grand Total</b>		<b>12</b>	<b>317,180</b>	<b>26,432</b>	<b>188,028</b>	<b>50</b>	<b>15</b>	<b>193,900</b>	<b>12,927</b>	<b>58,031</b>	<b>0</b>



### a.3 Waste Gas Discharge Analysis

Categories of Factories		Total Volume of Flue Gas (Nm3/h)									
		Present					E/Passport				
Type	No	Fr.	Total	Average	Maximum	Minimum	Fr.	Total	Average	Maximum	Minimum
1. Mining	01	2	22,119.97	11,059.99	20,486.00	1,633.97	2	25,480.25	12,740.13	24,300.00	1,180.25
<b>1. Mining Total</b>		<b>2</b>	<b>22,119.97</b>	<b>11,059.99</b>	<b>20,486.00</b>	<b>1,633.97</b>	<b>2</b>	<b>25,480.25</b>	<b>12,740.13</b>	<b>24,300.00</b>	<b>1,180.25</b>
2. Energy	03	2	270,000.00	135,000.00	170,000.00	100,000.00	2	510,000.00	255,000.00	260,000.00	250,000.00
	04						2	192,636.00	96,318.00	183,600.00	9,036.00
	05	6	2,020,070.00	336,678.33	1,500,000.00	3,337.00	3	2,160,720.00	720,240.00	1,620,000.00	720.00
<b>2. Energy Total</b>		<b>8</b>	<b>2,290,070.00</b>	<b>286,258.75</b>	<b>1,500,000.00</b>	<b>3,337.00</b>	<b>7</b>	<b>2,863,356.00</b>	<b>409,050.86</b>	<b>1,620,000.00</b>	<b>720.00</b>
3. Manufacturing	06										
	07	1	10.00	10.00	10.00	10.00					
	08	4	18,176.78	4,544.19	11,988.00	0.38	5	28,301.58	5,660.32	16,783.20	1.78
	09	5	1,313.44	262.69	902.70	0.04	4	1,727.10	431.78	1,041.60	4.20
	10	11	13,175.70	1,197.79	7,000.00	25.00	7	20,841.70	2,977.39	18,000.00	25.00
	11	2	334.00	167.00	230.00	104.00	3	922.40	307.47	530.00	67.40
	12										
	13										
	14	1	1,329.00	1,329.00	1,329.00	1,329.00					
	15	2	0.03	0.02	0.02	0.01	3	880.08	293.36	880.00	0.02
<b>3. Manufacturing Total</b>		<b>26</b>	<b>34,338.95</b>	<b>1,320.73</b>	<b>11,988.00</b>	<b>0.01</b>	<b>22</b>	<b>52,672.86</b>	<b>2,394.22</b>	<b>18,000.00</b>	<b>0.02</b>
4. Other Industries	16										
	17	6	3,341.77	556.96	1,680.00	5.14	6	7,124.70	1,187.45	6,012.00	37.00
<b>4. Other Industries Total</b>			<b>3,341.77</b>	<b>556.96</b>	<b>1,680.00</b>	<b>5.14</b>	<b>6</b>	<b>7,124.70</b>	<b>1,187.45</b>	<b>6,012.00</b>	<b>37.00</b>
<b>Grand Total</b>		<b>42</b>	<b>2,349,870.68</b>	<b>55,949.30</b>	<b>1,500,000.00</b>	<b>0.01</b>	<b>37</b>	<b>2,948,633.81</b>	<b>79,692.81</b>	<b>1,620,000.00</b>	<b>0.02</b>

Categories of Factories		Amount of Pollution discharge into atmosphere (ton/y) Sox									
		Present					E/Passport				
Type	No	Fr.	Total	Average	Maximum	Minimum	Fr.	Total	Average	Maximum	Minimum
1. Mining	01	5	69.81	13.96	59.91	1.2000	4	17.53	4.38	10.20	1.40000
<b>1. Mining Total</b>		<b>5</b>	<b>69.81</b>	<b>13.96</b>	<b>59.91</b>	<b>1.2000</b>	<b>4</b>	<b>17.53</b>	<b>4.38</b>	<b>10.20</b>	<b>1.40000</b>
2. Energy	03	1	336.20	336.20	336.20	336.2000	2	303.92	151.96	302.00	1.92000
	04										
	05	1	52.40	52.40	52.40	52.4000	1	103.20	103.20	103.20	103.20000
<b>2. Energy Total</b>		<b>2</b>	<b>388.60</b>	<b>194.30</b>	<b>336.20</b>	<b>52.4000</b>	<b>3</b>	<b>407.12</b>	<b>135.71</b>	<b>302.00</b>	<b>1.92000</b>
3. Manufacturing	06	1	23.90	23.90	23.90	23.9000	1	23.90	23.90	23.90	23.90000
	07										
	08	14	323.97	23.14	243.52	0.0003	20	333.28	16.66	261.10	0.00080
	09	4	7.75	1.94	6.70	0.0080	5	11.52	2.30	9.65	0.02300
	10	4	8.23	2.06	3.65	1.0680	4	43.28	10.82	23.70	0.00001
	11						1	0.47	0.47	0.47	0.47000
	12										
	13										
	14										
	15						2	0.31	0.15	0.29	0.02300
<b>3. Manufacturing Total</b>		<b>23</b>	<b>363.85</b>	<b>15.82</b>	<b>243.52</b>	<b>0.0003</b>	<b>33</b>	<b>412.76</b>	<b>12.51</b>	<b>261.10</b>	<b>0.00001</b>
4. Other Industries	16	1	0.90	0.90	0.90	0.9000	3	14.04	4.68	13.76	0.08200
	17	6	169.14	28.19	110.63	0.4490	6	164.43	27.40	102.80	1.80000
<b>4. Other Industries Total</b>			<b>170.04</b>	<b>24.29</b>	<b>110.63</b>	<b>0.4490</b>	<b>9</b>	<b>178.46</b>	<b>19.83</b>	<b>102.80</b>	<b>0.08200</b>
<b>Grand Total</b>		<b>37</b>	<b>992.30</b>	<b>26.82</b>	<b>336.20</b>	<b>0.0003</b>	<b>49</b>	<b>1,015.88</b>	<b>20.73</b>	<b>302.00</b>	<b>0.00001</b>

Categories of Factories		Amount of Pollution discharge into atmosphere (ton/y) Nox									
		Present					E/Passport				
Type	No	Fr.	Total	Average	Maximum	Minimum	Fr.	Total	Average	Maximum	Minimum
1. Mining	01	10	1,778.20	177.82	1,668.00	1.3100	11	17,873.20	1,624.84	17,750.00	1.83000
<b>1. Mining Total</b>		<b>10</b>	<b>1,778.20</b>	<b>177.82</b>	<b>1,668.00</b>	<b>1.3100</b>	<b>11</b>	<b>17,873.20</b>	<b>1,624.84</b>	<b>17,750.00</b>	<b>1.83000</b>
2. Energy	03	1	154.00	154.00	154.00	154.0000	2	162.36	81.18	160.00	2.36000
	04						1	0.34	0.34	0.34	0.34000
	05	7	85.20	12.17	44.65	0.8200	12	130.01	10.83	44.65	0.01300
<b>2. Energy Total</b>		<b>8</b>	<b>239.20</b>	<b>29.90</b>	<b>154.00</b>	<b>0.8200</b>	<b>15</b>	<b>292.71</b>	<b>19.51</b>	<b>160.00</b>	<b>0.01300</b>
3. Manufacturing	06	1	5.70	5.70	5.70	5.7000	3	3.89	1.30	3.19	0.35000
	07						4	48.88	12.22	22.50	2.79000
	08	31	353.35	11.40	292.94	0.0010	48	588.84	12.27	314.10	0.00040
	09	8	9.29	1.16	3.50	0.0010	16	42.70	2.67	18.00	0.01300
	10	10	7.59	0.76	2.60	0.0230	13	32.33	2.49	22.80	0.00200
	11	1	0.14	0.14	0.14	0.1360	2	0.20	0.10	0.13	0.07400
	12	1	49.60	49.60	49.60	49.6000					
	13	2	0.31	0.15	0.22	0.0850	2	4.21	2.11	3.30	0.91000
	14						1	17.05	17.05	17.05	17.05400
	15						2	19.76	9.88	19.26	0.50150
<b>3. Manufacturing Total</b>		<b>54</b>	<b>425.97</b>	<b>7.89</b>	<b>292.94</b>	<b>0.0010</b>	<b>91</b>	<b>757.87</b>	<b>8.33</b>	<b>314.10</b>	<b>0.00040</b>
4. Other Industries	16	3	38.10	12.70	34.00	1.6000	6	74.26	12.38	46.20	0.32400
	17	8	632.48	79.06	412.16	0.0320	9	558.72	62.08	312.10	0.19700
<b>4. Other Industries Total</b>			<b>670.58</b>	<b>60.96</b>	<b>412.16</b>	<b>0.0320</b>	<b>15</b>	<b>632.98</b>	<b>42.20</b>	<b>312.10</b>	<b>0.19700</b>
<b>Grand Total</b>		<b>83</b>	<b>3,113.95</b>	<b>37.52</b>	<b>1,668.00</b>	<b>0.0010</b>	<b>132</b>	<b>19,556.76</b>	<b>148.16</b>	<b>17,750.00</b>	<b>0.00040</b>

Categories of Factories		Amount of Pollution discharge into atmosphere (ton/y) Particulate									
		Present					E/Passport				
Type	No	Fr.	Total	Average	Maximum	Minimum	Fr.	Total	Average	Maximum	Min
1. Mining	01	3	0.33	0.11	0.30	0.0004	3	1.06	0.35	1.00	0.00069
<b>1. Mining Total</b>		<b>3</b>	<b>0.33</b>	<b>0.11</b>	<b>0.30</b>	<b>0.0004</b>	<b>3</b>	<b>1.06</b>	<b>0.35</b>	<b>1.00</b>	<b>0.00069</b>
2. Energy	03	1	8.00	8.00	8.00	8.0000	2	10.50	5.25	10.00	0.50000
	04										
	05	1	0.43	0.43	0.43	0.4300	2	1.01	0.51	1.00	0.01400
<b>2. Energy Total</b>		<b>2</b>	<b>8.43</b>	<b>4.22</b>	<b>8.00</b>	<b>0.4300</b>	<b>4</b>	<b>11.51</b>	<b>2.88</b>	<b>10.00</b>	<b>0.01400</b>
3. Manufacturing	06	2	32.30	16.15	29.30	3.0000	5	38.31	7.66	9.07	2.02400
	07						1	2.38	2.38	2.38	2.38200
	08	38	70.28	1.85	24.34	0.0001	57	196.86	3.52	34.75	0.00020
	09	11	2,468.35	224.40	2,279.00	0.0280	16	2,868.31	179.27	2,279.00	0.02800
	10	6	4.78	0.80	3.98	0.0000	8	3.39	0.42	1.78	0.00381
	11	1	2.10	2.10	2.10	2.1000	2	58.96	29.48	58.80	0.15700
	12	1	31.33	31.33	31.33	31.3300	2	1.54	0.77	1.53	0.01020
	13	1	0.03	0.03	0.03	0.0290	1	0.32	0.32	0.32	0.32100
	14						1	74.35	74.35	74.35	74.35330
	15						2	45.97	22.99	45.37	0.60200
<b>3. Manufacturing Total</b>		<b>60</b>	<b>2,609.16</b>	<b>43.49</b>	<b>2,279.00</b>	<b>0.0000</b>	<b>95</b>	<b>3,290.39</b>	<b>35.00</b>	<b>2,279.00</b>	<b>0.00020</b>
4. Other Industries	16	5	20.81	4.16	20.44	0.0001	8	17.06	2.13	7.35	0.00050
	17	4	40.06	13.35	28.60	0.4000	6	51.91	10.38	22.60	1.00000
<b>4. Other Industries Total</b>			<b>60.87</b>	<b>7.61</b>	<b>28.60</b>	<b>0.0001</b>	<b>14</b>	<b>68.97</b>	<b>5.31</b>	<b>22.60</b>	<b>0.00050</b>
<b>Grand Total</b>		<b>74</b>	<b>2,678.79</b>	<b>36.70</b>	<b>2,279.00</b>	<b>0.0000</b>	<b>116</b>	<b>3,371.93</b>	<b>29.58</b>	<b>2,279.00</b>	<b>0.00020</b>

Categories of Factories	Concentration of Pollutants (mg/Nm3) SOx
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Type	No	Present				E/Passport			
		Fr.	Average	Maximum	Minimum	Fr.	Average	Maximum	Minimum
1. Mining	01								
<b>1. Mining Total</b>									
2. Energy	03	2	192.10	204.00	180.2000	2	197.15	208.50	185.80000
	04	1	0.50	0.50	0.5000	2	0.05	0.05	0.05000
	05	2	164.97	309.00	20.9400	2	103.15	123.00	83.29000
<b>2. Energy Total</b>		<b>5</b>	<b>142.93</b>	<b>309.00</b>	<b>0.5000</b>	<b>6</b>	<b>100.12</b>	<b>208.50</b>	<b>0.05000</b>
3. Manufacturing	06								
	07								
	08	1	0.92	0.92	0.9220	7	13.29	51.70	0.01600
	09	1	0.50	0.50	0.5000	2	0.05	0.05	0.05000
	10	3	8.12	23.00	0.6800	2	0.71	0.72	0.70000
	11	1	0.23	0.23	0.2300	1	0.25	0.25	0.25000
	12								
	13								
	14								
	15					2	0.79	1.52	0.05000
<b>3. Manufacturing Total</b>		<b>6</b>	<b>4.33</b>	<b>23.00</b>	<b>0.2300</b>	<b>14</b>	<b>6.88</b>	<b>51.70</b>	<b>0.01600</b>
4. Other Industries	16					1	0.05	0.05	0.05000
	17	3	66.47	165.00	3.4000	4	92.91	200.00	0.02000
<b>4. Other Industries Total</b>		<b>3</b>	<b>66.47</b>	<b>165.00</b>	<b>3.4000</b>	<b>5</b>	<b>74.33</b>	<b>200.00</b>	<b>0.02000</b>
<b>Grand Total</b>		<b>14</b>	<b>67.15</b>	<b>309.00</b>	<b>0.2300</b>	<b>25</b>	<b>42.75</b>	<b>208.50</b>	<b>0.01600</b>

Categories of Factories		Concentration of Pollutants (mg/Nm3) NOx							
Type	No	Present				E/Passport			
		Fr.	Average	Maximum	Minimum	Fr.	Average	Maximum	Minimum
1. Mining	01								
<b>1. Mining Total</b>									
2. Energy	03	2	126.50	152.00	101.0000	2	103.64	122.78	84.50000
	04	1	0.09	0.09	0.0850	2	0.06	0.08	0.04000
	05	2	46.34	55.28	37.4000	2	75.05	88.80	61.30000
<b>2. Energy Total</b>		<b>5</b>	<b>69.15</b>	<b>152.00</b>	<b>0.0850</b>	<b>6</b>	<b>59.58</b>	<b>122.78</b>	<b>0.04000</b>
3. Manufacturing	06								
	07	1	0.50	0.50	0.5000				
	08	7	4.95	25.60	0.1200	11	238.40	2,589.00	0.01300
	09	4	2.34	7.50	0.0340	4	195.90	776.00	0.04000
	10	10	20.53	160.00	0.0100	7	6.40	23.00	0.03000
	11	2	3.34	6.00	0.6800	3	2.74	6.50	0.80000
	12								
	13					1	0.04	0.04	0.04000
	14	1	0.25	0.25	0.2470	1	0.22	0.22	0.22300
	15	2	0.06	0.09	0.0400	3	0.16	0.40	0.02000
<b>3. Manufacturing Total</b>		<b>27</b>	<b>9.51</b>	<b>160.00</b>	<b>0.0100</b>	<b>30</b>	<b>115.33</b>	<b>2,589.00</b>	<b>0.01300</b>
4. Other Industries	16					1	0.04	0.04	0.04000
	17	6	6.37	22.27	0.0320	8	30.53	140.30	0.34000
<b>4. Other Industries Total</b>		<b>6</b>	<b>6.37</b>	<b>22.27</b>	<b>0.0320</b>	<b>9</b>	<b>27.14</b>	<b>140.30</b>	<b>0.04000</b>
<b>Grand Total</b>		<b>38</b>	<b>16.87</b>	<b>160.00</b>	<b>0.0100</b>	<b>45</b>	<b>90.26</b>	<b>2,589.00</b>	<b>0.01300</b>

Categories of Factories		Concentration of Pollutants (mg/Nm3) Particulate			
Type	No	Present		E/Passport	
		Fr.	Average	Fr.	Average

Type	No	Fr.	Average	Maximum	Minimum	Fr.	Average	Maximum	Minimum
1. Mining	01								
<b>1. Mining Total</b>									
2. Energy	03								
	04	1	0.15	0.15	0.1520	2	0.03	0.05	0.01100
	05	1	1.23	1.23	1.2300	1	13.02	13.02	13.02000
<b>2. Energy Total</b>		<b>2</b>	<b>0.69</b>	<b>1.23</b>	<b>0.1520</b>	<b>3</b>	<b>4.36</b>	<b>13.02</b>	<b>0.01100</b>
3. Manufacturing	06								
	07	1	2.50	2.50	2.5000	1	132.00	132.00	132.00000
	08	5	42.15	207.50	0.2030	7	32.85	224.20	0.04000
	09	2	32.83	65.00	0.6600	3	21.75	65.00	0.05200
	10	6	0.97	3.70	0.0200	5	0.43	1.42	0.00300
	11	2	2.03	3.70	0.3600	2	2.36	4.20	0.51200
	12								
	13					1	0.15	0.15	0.15000
	14	1	9.10	9.10	9.1000	1	8.80	8.80	8.80000
	15	1	6.60	6.60	6.6000	3	3.47	6.80	1.50000
<b>3. Manufacturing Total</b>		<b>18</b>	<b>16.92</b>	<b>207.50</b>	<b>0.0200</b>	<b>23</b>	<b>19.71</b>	<b>224.20</b>	<b>0.00300</b>
4. Other Industries	16					1	0.30	0.30	0.30000
	17	4	1.70	4.20	0.3800	4	2.18	3.74	0.41000
<b>4. Other Industries Total</b>		<b>4</b>	<b>1.70</b>	<b>4.20</b>	<b>0.3800</b>	<b>5</b>	<b>1.71</b>	<b>3.74</b>	<b>0.30000</b>
<b>Grand Total</b>		<b>24</b>	<b>13.52</b>	<b>207.50</b>	<b>0.0200</b>	<b>31</b>	<b>15.78</b>	<b>224.20</b>	<b>0.00300</b>

## a.4 Wastewater

### a.4.1 Wastewater Discharge Analysis in Total

Categories of Factories		Total Volume of Waste Water from Factories (ton/h)									
		Present					Passport				
Type	No	Fr.	Total	Average	Maximum	Minimum	Fr.	Total	Average	Maximum	Minimum
1. Mining	01	11	1,417.46	128.86	553.06	0.10139	11	1,443.05	131.19	552.22	0.027333
<b>1. Mining Total</b>		<b>11</b>	<b>1,417.46</b>	<b>128.86</b>	<b>553.06</b>	<b>0.10139</b>	<b>11</b>	<b>1,443.05</b>	<b>131.19</b>	<b>552.22</b>	<b>0.027333</b>
2. Energy	03	4	1,711.08	427.77	991.39	1.06000	4	3,885.77	971.44	2,600.00	2.050000
	04	4	8,327.21	2,081.80	8,308.61	0.60000	1	17,590.97	17,590.97	17,590.97	17,590.972222
	05	6	1,939.54	323.26	1,890.00	1.14000	7	58.05	8.29	36.50	0.002000
<b>2. Energy Total</b>		<b>14</b>	<b>11,977.83</b>	<b>855.56</b>	<b>8,308.61</b>	<b>0.60000</b>	<b>12</b>	<b>21,534.79</b>	<b>1,794.57</b>	<b>17,590.97</b>	<b>0.002000</b>
3. Manufacturing	06	2	602.78	301.39	600.00	2.77778	1	2.78	2.78	2.78	2.777778
	07	5	2.14	0.43	1.67	0.01000	3	4.45	1.48	1.61	1.250000
	08	59	2,203.10	37.34	1,922.22	0.00003	57	921.22	16.16	180.00	0.000004
	09	15	442.53	29.50	230.00	0.00049	9	806.82	89.65	399.00	0.000167
	10	28	94.31	3.37	32.00	0.00002	18	52.22	2.90	8.20	0.000017
	11	10	51.81	5.18	20.10	0.01000	6	546.88	91.15	360.00	0.416667
	12	2	1.58	0.79	1.11	0.47000	2	1.27	0.63	1.17	0.100000
	13	2	0.51	0.26	0.31	0.20000	2	4.80	2.40	3.60	1.200000
	14	5	54.70	10.94	26.70	0.20000	3	47.97	15.99	26.57	1.400000
	15	5	46.02	9.20	30.00	0.02000	3	131.99	44.00	100.79	9.200000
<b>3. Manufacturing Total</b>		<b>133</b>	<b>3,499.48</b>	<b>26.31</b>	<b>1,922.22</b>	<b>0.00002</b>	<b>104</b>	<b>2,520.40</b>	<b>24.23</b>	<b>399.00</b>	<b>0.000004</b>
4 Other Industries	16	10	57.82	5.78	18.40	0.00694	9	58.00	6.44	22.80	0.000194
	17	31	835.04	26.94	210.00	0.00144	17	1,124.70	66.16	576.00	0.015083
<b>4. Other Industries Total</b>		<b>41</b>	<b>892.86</b>	<b>21.78</b>	<b>210.00</b>	<b>0.00144</b>	<b>26</b>	<b>1,182.70</b>	<b>45.49</b>	<b>576.00</b>	<b>0.000194</b>
<b>Grand Total</b>		<b>199</b>	<b>17,787.63</b>	<b>89.39</b>	<b>8,308.61</b>	<b>0.00002</b>	<b>153</b>	<b>26,680.94</b>	<b>174.39</b>	<b>17,590.97</b>	<b>0.000004</b>

Categories of Factories		Concentration of BPK (mg/l) BPK=BOD									
		Present					Passport				
Type	No.	Fr.	Average	Maximum	Minimum	Fr.	Average	Maximum	Minimum	Minimum	
1. Mining	01	2	12.30	12.30	12.30	4	9.75	12.00	5.00		
<b>1. Mining Total</b>		<b>2</b>	<b>12.30</b>	<b>12.30</b>	<b>12.30</b>	<b>4</b>	<b>9.75</b>	<b>12.00</b>	<b>5.00</b>		
2. Energy	03	3	7.10	20.00	0.65	3	1.43	3.00	0.65		
	04	1	1.70	1.70	1.70	2	121.50	240.00	3.00		
	05	1	2.00	2.00	2.00	5	135.20	375.00	2.00		
<b>2. Energy Total</b>		<b>5</b>	<b>5.00</b>	<b>20.00</b>	<b>0.65</b>	<b>10</b>	<b>92.33</b>	<b>375.00</b>	<b>0.65</b>		
3. Manufacturing	06	1	360.00	360.00	360.00	1	375.00	375.00	375.00		
	07	1	210.10	210.10	210.10	2	132.25	240.00	24.50		
	08	11	56.33	240.00	0.10	13	160.27	375.00	1.90		
	09	2	211.00	240.00	182.00	3	161.57	240.00	4.70		
	10	13	189.79	375.00	2.90	14	225.86	840.00	3.00		
	11	3	226.47	231.40	221.00	5	261.40	575.00	12.00		
	12					2	120.10	240.00	0.19		
	13										
	14	2	305.50	381.00	230.00	3	207.97	375.00	8.90		
	15	3	135.10	213.00	2.10	4	216.45	375.00	0.80		
<b>3. Manufacturing Total</b>		<b>36</b>	<b>160.41</b>	<b>381.00</b>	<b>0.10</b>	<b>47</b>	<b>200.14</b>	<b>840.00</b>	<b>0.19</b>		
4 Other Industries	16	1	0.21	0.21	0.21	4	79.26	240.00	0.22		
	17	4	152.10	357.00	0.48	8	154.91	520.00	0.26		
<b>4. Other Industries Total</b>		<b>5</b>	<b>121.72</b>	<b>357.00</b>	<b>0.21</b>	<b>12</b>	<b>129.69</b>	<b>520.00</b>	<b>0.22</b>		
<b>Grand Total</b>		<b>48</b>	<b>134.02</b>	<b>381.00</b>	<b>0.10</b>	<b>73</b>	<b>163.36</b>	<b>840.00</b>	<b>0.19</b>		

Categories of Factories		Concentration HPK (mg/l) HPK=COD							
		Present				Passport			
Type	No	Fr.	Average	Maximum	Minimum	Fr.	Average	Maximum	Minimum
1. Mining	01					1	43.00	43.00	43.00
<b>1. Mining Total</b>						<b>1</b>	<b>43.00</b>	<b>43.00</b>	<b>43.00</b>
2. Energy	03	2	146.00	146.00	146.00	2	146.00	146.00	146.00
	04					1	283.70	283.70	283.70
	05					1	500.00	500.00	500.00
<b>2. Energy Total</b>		<b>2</b>	<b>146.00</b>	<b>146.00</b>	<b>146.00</b>	<b>4</b>	<b>268.93</b>	<b>500.00</b>	<b>146.00</b>
3. Manufacturing	06	1	427.00	427.00	427.00	1	500.00	500.00	500.00
	07	1	240.30	240.30	240.30	1	283.70	283.70	283.70
	08	7	116.06	283.70	14.40	12	235.60	500.00	10.80
	09	2	226.85	283.70	170.00	4	191.93	283.70	6.30
	10	13	197.08	500.00	0.40	14	265.31	1,120.00	0.45
	11	3	264.50	268.50	257.00	6	751.10	2,389.50	19.00
	12					1	283.70	283.70	283.70
	13								
	14	2	391.50	513.00	270.00	3	264.03	500.00	8.40
	15	2	250.70	260.00	241.40	4	273.43	500.00	20.00
<b>3. Manufacturing Total</b>		<b>31</b>	<b>212.05</b>	<b>513.00</b>	<b>0.40</b>	<b>46</b>	<b>321.07</b>	<b>2,389.50</b>	<b>0.45</b>
4 Other Industries	16	1	0.23	0.23	0.23	4	123.01	283.70	0.25
	17	3	242.87	413.00	32.60	5	247.74	634.00	0.28
<b>4. Other Industries Total</b>		<b>4</b>	<b>182.21</b>	<b>413.00</b>	<b>0.23</b>	<b>9</b>	<b>192.30</b>	<b>634.00</b>	<b>0.25</b>
<b>Grand Total</b>		<b>37</b>	<b>205.25</b>	<b>513.00</b>	<b>0.23</b>	<b>60</b>	<b>293.64</b>	<b>2,389.50</b>	<b>0.25</b>

Categories of Factories		Concentration of Suspended solid (mg/l)							
		Present				Passport			
Type	No	Fr.	Average	Maximum	Minimum	Fr.	Average	Maximum	Minimum
1. Mining	01	3	39.97	100.00	7.90	5	33.93	100.00	10.000
<b>1. Mining Total</b>		<b>3</b>	<b>39.97</b>	<b>100.00</b>	<b>7.90</b>	<b>5</b>	<b>33.93</b>	<b>100.00</b>	<b>10.000</b>
2. Energy	03	3	27.13	50.00	15.70	3	20.47	30.00	15.700
	04					1	4.95	4.95	4.950
	05	3	29.82	44.00	20.25	5	101.24	375.00	5.000
<b>2. Energy Total</b>		<b>6</b>	<b>28.48</b>	<b>50.00</b>	<b>15.70</b>	<b>9</b>	<b>63.62</b>	<b>375.00</b>	<b>4.950</b>
3. Manufacturing	06	1	535.00	535.00	535.00	1	375.00	375.00	375.000
	07	1	2.10	2.10	2.10	2	14.25	25.00	3.500
	08	10	48.82	250.00	0.02	15	116.76	375.00	0.005
	09	2	15.85	28.00	3.70	4	45.06	145.00	2.950
	10	12	85.31	375.00	0.27	17	117.06	840.00	2.950
	11	3	3.07	3.70	2.71	5	47.17	177.50	2.950
	12					2	3.24	3.50	2.980
	13								
	14	2	197.90	393.00	2.80	3	185.65	375.00	2.950
	15	3	8.60	22.50	0.30	5	141.45	375.00	3.150
<b>3. Manufacturing Total</b>		<b>34</b>	<b>73.87</b>	<b>535.00</b>	<b>0.02</b>	<b>54</b>	<b>107.99</b>	<b>840.00</b>	<b>0.005</b>
4 Other Industries	16	1	12.00	12.00	12.00	6	49.36	125.00	2.950
	17	7	28.76	122.75	0.24	9	65.84	375.00	2.950
<b>4. Other Industries Total</b>		<b>8</b>	<b>26.66</b>	<b>122.75</b>	<b>0.24</b>	<b>15</b>	<b>59.25</b>	<b>375.00</b>	<b>2.950</b>
<b>Grand Total</b>		<b>51</b>	<b>59.13</b>	<b>535.00</b>	<b>0.02</b>	<b>83</b>	<b>89.91</b>	<b>840.00</b>	<b>0.005</b>

#### a.4.2 Waste Water Discharge Analysis by drainage location

Drainage Location	Categories of Factories		Volume Waste Water From Factories		Average Concentration						
					BPK (mg/l)		HPK (mg/l)		Suspended Solid (mg/l)		
	Type	No	Present	Passport	Present	Passport	Present	Passport	Present	Passport	
Discharge To Public Water Bodies	1. Mining	01	104.96	133.64		10.00				7.90	22.40
	<b>1. Mining Total</b>		<b>104.96</b>	<b>133.64</b>		<b>10.00</b>				<b>7.90</b>	<b>22.40</b>
	2. Energy	04	8,308.61	17,590.97	1.70	3.00					
		05	1,890.00	14.96	2.00	2.00				32.13	20.00
	<b>2. Energy Total</b>		<b>10,198.61</b>	<b>17,605.94</b>	<b>1.85</b>	<b>2.50</b>				<b>32.13</b>	<b>20.00</b>
	3. Manufacturing	08	44.31	137.55	4.55	15.00	17.00	25.00		0.04	29.75
		09	2.71	4.17		240.00		283.70			2.95
		10	10.47	8.01		126.00		283.70			6.48
		11	8.52	8.38		12.00		1,204.25			48.00
		12	0.47								
		14	26.40	26.57		8.90		8.40			179.00
		15	30.00			0.80		20.00			260.00
	<b>3. Manufacturing Total</b>		<b>122.87</b>	<b>184.67</b>	<b>4.55</b>	<b>75.53</b>	<b>17.00</b>	<b>432.76</b>		<b>0.04</b>	<b>62.19</b>
	4. Other Industries	16	28.99	0.00		6.80		8.10			125.00
		17	290.57	180.02	10.90	127.50	32.60	160.35		66.08	8.98
	<b>4. Other Industries Total</b>			<b>180.02</b>	<b>10.90</b>	<b>87.27</b>	<b>32.60</b>	<b>109.60</b>		<b>66.08</b>	<b>47.65</b>
	Total discharge to Public Body			<b>10,745.99</b>	<b>18,104.26</b>	<b>4.74</b>	<b>61.96</b>	<b>24.80</b>	<b>335.81</b>		<b>34.06</b>
Discharge to Sewage Plant	1. Mining	01	1,056.30	1,052.80	12.30	12.00				56.00	60.50
	<b>1. Mining Total</b>		<b>1,056.30</b>	<b>1,052.80</b>	<b>12.30</b>	<b>12.00</b>				<b>56.00</b>	<b>60.50</b>
	2. Energy	03	1,711.08	3,885.77	7.10	1.43	146.00	146.00		27.13	20.47
		04	18.60			240.00		283.70			4.95
		05	48.40	43.08		223.67		500.00		25.20	160.40
	<b>2. Energy Total</b>		<b>1,778.08</b>	<b>3,928.85</b>	<b>7.10</b>	<b>130.76</b>	<b>146.00</b>	<b>268.93</b>		<b>26.65</b>	<b>78.22</b>
	3. Manufacturing	06	2.78	2.78	360.00	375.00	427.00	500.00		535.00	375.00
		07	2.11	2.86	210.10	240.00	240.30	283.70		2.10	3.50
		08	2,158.58	782.15	67.83	172.38	132.57	254.75		54.24	148.40
		09	439.42	801.45	211.00	240.00	226.85	238.85		15.85	16.15
		10	49.18	44.21	204.91	243.00	208.48	260.29		102.09	155.51
		11	23.10	178.50	226.20	351.67	262.75	604.80		3.25	61.63
		12	1.11	1.17		240.00		283.70			2.98
		14	26.90	20.00	381.00	375.00	513.00	500.00		393.00	375.00
		15	16.00	131.99	135.10	288.33	250.70	357.90		8.60	111.81
	<b>3. Manufacturing Total</b>		<b>2,719.19</b>	<b>1,965.11</b>	<b>169.84</b>	<b>239.05</b>	<b>221.14</b>	<b>311.72</b>		<b>86.32</b>	<b>136.65</b>
	4. Other Industries	16	28.79	35.13	0.21	120.11	0.23	141.98		12.00	12.79
	17	230.11	638.77	199.16	234.25	348.00	458.85		4.85	28.34	
<b>4. Other Industries Total</b>			<b>673.90</b>	<b>149.42</b>	<b>196.20</b>	<b>232.08</b>	<b>300.41</b>		<b>6.64</b>	<b>20.56</b>	
Total discharge to Sewage Plant			<b>5,812.47</b>	<b>7,620.67</b>	<b>147.15</b>	<b>208.44</b>	<b>217.35</b>	<b>306.57</b>		<b>70.47</b>	<b>108.54</b>
Discharge is not identified	1. Mining	01	256.20	256.62		5.00		43.00			13.13
	<b>1. Mining Total</b>		<b>256.20</b>	<b>256.62</b>		<b>5.00</b>		<b>43.00</b>			<b>13.13</b>
	2. Energy	03									
		04									
		05	1.14			3.00					5.00
	<b>2. Energy Total</b>		<b>1.14</b>			<b>3.00</b>					<b>5.00</b>
	3. Manufacturing	06	600.00								
		07	0.03	1.59		24.50					25.00
		08	0.22	1.53							
		09	0.40	1.20		4.70		6.30			145.00
		10	34.66	0.00	106.65	240.00	134.40	283.70		1.39	36.97
		11	20.19	360.00	227.00	240.00	268.00	283.70		2.71	2.95
		12		0.10		0.19					3.50
		13	0.51	4.80							
		14	1.40	1.40	230.00	240.00	270.00	283.70		2.80	2.95
		15	0.02								
	<b>3. Manufacturing Total</b>		<b>657.43</b>	<b>370.62</b>	<b>167.58</b>	<b>141.34</b>	<b>201.70</b>	<b>228.22</b>		<b>2.07</b>	<b>36.29</b>
4. Other Industries	16	0.04	22.87		70.00		200.00			120.00	
	17	314.36	305.91		23.63		0.28		27.30	153.77	
<b>4. Other Industries Total</b>		<b>314.40</b>	<b>328.78</b>		<b>39.09</b>		<b>100.14</b>		<b>27.30</b>	<b>145.33</b>	
<b>Not identified Total</b>			<b>1,229.16</b>	<b>956.01</b>	<b>167.58</b>	<b>92.89</b>	<b>201.70</b>	<b>173.05</b>		<b>10.48</b>	<b>60.19</b>
<b>Grand Total</b>			<b>17,787.63</b>	<b>26,680.94</b>	<b>134.02</b>	<b>163.36</b>	<b>205.25</b>	<b>293.64</b>		<b>59.13</b>	<b>89.91</b>

Drainage Location	Categories of Factories		Total Volume of Waste Water from Factories (ton/h)									
			Present					Passport				
			Type	No	Fr.	Total	Average	Maximum	Minimum	Fr.	Total	Average
Discharge To Public Water Bodies	1. Mining	01	4	104.96	26.24	104.44	0.10139	4	133.64	33.41	133.06	0.027333
	<b>1. Mining Total</b>		<b>4</b>	<b>104.96</b>	<b>26.24</b>	<b>104.44</b>	<b>0.10139</b>	<b>4</b>	<b>133.64</b>	<b>33.41</b>	<b>133.06</b>	<b>0.027333</b>
	2. Energy	04	1	8,308.61	8,308.61	8,308.61	8,308.61111	1	17,590.97	17,590.97	17,590.97	17,590.972222
		05	1	1,890.00	1,890.00	1,890.00	1,890.00000	2	14.96	7.48	11.42	3.547639
	<b>2. Energy Total</b>		<b>2</b>	<b>10,198.61</b>	<b>5,099.31</b>	<b>8,308.61</b>	<b>1,890.00000</b>	<b>3</b>	<b>17,605.94</b>	<b>5,868.65</b>	<b>17,590.97</b>	<b>3.547639</b>
	3. Manufacturing	08	20	44.31	2.22	18.00	0.00444	19	137.55	7.24	59.47	0.000004
		09	4	2.71	0.68	2.36	0.00049	2	4.17	2.08	4.17	0.000167
		10	3	10.47	3.49	10.46	0.00002	3	8.01	2.67	8.00	0.000017
		11	2	8.52	4.26	7.96	0.55556	2	8.38	4.19	7.96	0.416667
		12	1	0.47	0.47	0.47	0.47000					
		14	1	26.40	26.40	26.40	26.40000	1	26.57	26.57	26.57	26.574803
		15	1	30.00	30.00	30.00	30.00000					
	<b>3. Manufacturing Total</b>		<b>32</b>	<b>122.87</b>	<b>3.84</b>	<b>30.00</b>	<b>0.00002</b>	<b>27</b>	<b>184.67</b>	<b>6.84</b>	<b>59.47</b>	<b>0.000004</b>
	4. Other Industries	16	3	28.99	9.66	15.28	0.25000	2	0.00	0.00	0.00	0.000194
	17	5	290.57	58.11	180.00	0.01118	2	180.02	90.01	180.00	0.015083	
<b>4. Other Industries Total</b>			<b>319.55</b>	<b>39.94</b>	<b>180.00</b>	<b>0.01118</b>	<b>4</b>	<b>180.02</b>	<b>45.00</b>	<b>180.00</b>	<b>0.000194</b>	
<b>Total discharge to Public Body</b>		<b>46</b>	<b>10,745.99</b>	<b>233.61</b>	<b>8,308.61</b>	<b>0.00002</b>	<b>38</b>	<b>18,104.26</b>	<b>476.43</b>	<b>17,590.97</b>	<b>0.000004</b>	
Discharge to Sewage Plant	1. Mining	01	4	1,056.30	264.07	553.06	0.25000	4	1,052.80	263.20	552.22	0.274000
	<b>1. Mining Total</b>		<b>4</b>	<b>1,056.30</b>	<b>264.07</b>	<b>553.06</b>	<b>0.25000</b>	<b>4</b>	<b>1,052.80</b>	<b>263.20</b>	<b>552.22</b>	<b>0.274000</b>
	2. Energy	03	4	1,711.08	427.77	991.39	1.06000	4	3,885.77	971.44	2,600.00	2.050000
		04	3	18.60	6.20	16.00	0.60000					
		05	4	48.40	12.10	36.50	2.30000	5	43.08	8.62	36.50	0.002000
	<b>2. Energy Total</b>		<b>11</b>	<b>1,778.08</b>	<b>161.64</b>	<b>991.39</b>	<b>0.60000</b>	<b>9</b>	<b>3,928.85</b>	<b>436.54</b>	<b>2,600.00</b>	<b>0.002000</b>
	3. Manufacturing	06	1	2.78	2.78	2.78	2.77778	1	2.78	2.78	2.78	2.777778
		07	3	2.11	0.70	1.67	0.10000	2	2.86	1.43	1.61	1.250000
		08	31	2,158.58	69.63	1,922.22	0.00200	31	782.15	25.23	180.00	0.002778
		09	7	439.42	62.77	230.00	0.03000	6	801.45	133.58	399.00	12.200000
		10	18	49.18	2.73	25.00	0.02778	14	44.21	3.16	8.20	0.000083
		11	3	23.10	7.70	19.00	0.20000	3	178.50	59.50	152.50	2.000000
		12	1	1.11	1.11	1.11	1.11111	1	1.17	1.17	1.17	1.166667
		14	2	26.90	13.45	26.70	0.20000	1	20.00	20.00	20.00	20.000000
	15	3	16.00	5.33	14.40	0.10000	3	131.99	44.00	100.79	9.200000	
<b>3. Manufacturing Total</b>		<b>69</b>	<b>2,719.19</b>	<b>39.41</b>	<b>1,922.22</b>	<b>0.00200</b>	<b>62</b>	<b>1,965.11</b>	<b>31.70</b>	<b>399.00</b>	<b>0.000083</b>	
4. Other Industries	16	4	28.79	7.20	18.40	0.20000	4	35.13	8.78	17.10	3.450000	
	17	19	230.11	12.11	197.40	0.00144	8	638.77	79.85	576.00	0.625000	
<b>4. Other Industries Total</b>			<b>258.91</b>	<b>11.26</b>	<b>197.40</b>	<b>0.00144</b>	<b>12</b>	<b>673.90</b>	<b>56.16</b>	<b>576.00</b>	<b>0.625000</b>	
<b>Total discharge to Sewage Plant</b>		<b>107</b>	<b>5,812.47</b>	<b>54.32</b>	<b>1,922.22</b>	<b>0.00144</b>	<b>87</b>	<b>7,620.67</b>	<b>87.59</b>	<b>2,600.00</b>	<b>0.000083</b>	
Discharge is not identified	1. Mining	01	3	256.20	85.40	171.33	0.14388	3	256.62	85.54	171.33	0.143885
	<b>1. Mining Total</b>		<b>3</b>	<b>256.20</b>	<b>85.40</b>	<b>171.33</b>	<b>0.14388</b>	<b>3</b>	<b>256.62</b>	<b>85.54</b>	<b>171.33</b>	<b>0.143885</b>
	2. Energy	03										
		04										
		05	1	1.14	1.14	1.14	1.14000					
	<b>2. Energy Total</b>		<b>1</b>	<b>1.14</b>	<b>1.14</b>	<b>1.14</b>	<b>1.14000</b>					
	3. Manufacturing	06	1	600.00	600.00	600.00	600.00000					
		07	2	0.03	0.02	0.02	0.01000	1	1.59	1.59	1.59	1.587778
		08	8	0.22	0.03	0.07	0.00003	7	1.53	0.22	0.76	0.000522
		09	4	0.40	0.10	0.15	0.00100	1	1.20	1.20	1.20	1.200000
		10	7	34.66	4.95	32.00	0.00139	1	0.00	0.00	0.00	0.001389
		11	5	20.19	4.04	20.10	0.01000	1	360.00	360.00	360.00	360.000000
		12						1	0.10	0.10	0.10	0.100000
		13	2	0.51	0.26	0.31	0.20000	2	4.80	2.40	3.60	1.200000
	14	2	1.40	0.70	1.20	0.20000	1	1.40	1.40	1.40	1.400000	
	15	1	0.02	0.02	0.02	0.02000						
<b>3. Manufacturing Total</b>		<b>32</b>	<b>657.43</b>	<b>20.54</b>	<b>600.00</b>	<b>0.00003</b>	<b>15</b>	<b>370.62</b>	<b>24.71</b>	<b>360.00</b>	<b>0.000522</b>	
4. Other Industries	16	3	0.04	0.01	0.02	0.00694	3	22.87	7.62	22.80	0.033333	
	17	7	314.36	44.91	210.00	0.02000	7	305.91	43.70	186.00	0.020000	
<b>4. Other Industries Total</b>			<b>314.40</b>	<b>31.44</b>	<b>210.00</b>	<b>0.00694</b>	<b>10</b>	<b>328.78</b>	<b>32.88</b>	<b>186.00</b>	<b>0.020000</b>	
<b>Not identified Total</b>		<b>46</b>	<b>1,229.16</b>	<b>26.72</b>	<b>600.00</b>	<b>0.00003</b>	<b>28</b>	<b>956.01</b>	<b>34.14</b>	<b>360.00</b>	<b>0.000522</b>	
<b>Grand Total</b>		<b>199</b>	<b>17,787.63</b>	<b>89.39</b>	<b>8,308.61</b>	<b>0.00002</b>	<b>153</b>	<b>26,680.94</b>	<b>174.39</b>	<b>17,590.97</b>	<b>0.000004</b>	



Drainage Location	Categories of Factories		Concentration of BPK (mg/l) BPK=BOD							
			Present				Passport			
	Type	No	Fr.	Average	Maximum	Minimum	Fr.	Average	Maximum	Minimum
Discharge To Public Water Bodies	1. Mining	01					1	10.00	10.00	10.00
	<b>1. Mining Total</b>						<b>1</b>	<b>10.00</b>	<b>10.00</b>	<b>10.00</b>
	2. Energy	04	1	1.70	1.70	1.70	1	3.00	3.00	3.00
		05	1	2.00	2.00	2.00	1	2.00	2.00	2.00
	<b>2. Energy Total</b>		<b>2</b>	<b>1.85</b>	<b>2.00</b>	<b>1.70</b>	<b>2</b>	<b>2.50</b>	<b>3.00</b>	<b>2.00</b>
	3. Manufacturing	08	2	4.55	9.00	0.10	1	15.00	15.00	15.00
		09					1	240.00	240.00	240.00
		10					2	126.00	240.00	12.00
		11					1	12.00	12.00	12.00
		12								
		14					1	8.90	8.90	8.90
		15					1	0.80	0.80	0.80
	<b>3. Manufacturing Total</b>		<b>2</b>	<b>4.55</b>	<b>9.00</b>	<b>0.10</b>	<b>7</b>	<b>75.53</b>	<b>240.00</b>	<b>0.80</b>
	4. Other Industries	16					1	6.80	6.80	6.80
	17	1	10.90	10.90	10.90	2	127.50	240.00	15.00	
<b>4. Other Industries Total</b>		<b>1</b>	<b>10.90</b>	<b>10.90</b>	<b>10.90</b>	<b>3</b>	<b>87.27</b>	<b>240.00</b>	<b>6.80</b>	
<b>Total Discharge to Public Body</b>		<b>5</b>	<b>4.74</b>	<b>10.90</b>	<b>0.10</b>	<b>13</b>	<b>61.96</b>	<b>240.00</b>	<b>0.80</b>	
Discharge to Sewage Plant	1. Mining	01	2	12.30	12.30	12.30	2	12.00	12.00	12.00
	<b>1. Mining Total</b>		<b>2</b>	<b>12.30</b>	<b>12.30</b>	<b>12.30</b>	<b>2</b>	<b>12.00</b>	<b>12.00</b>	<b>12.00</b>
	2. Energy	03	3	7.10	20.00	0.65	3	1.43	3.00	0.65
		04					1	240.00	240.00	240.00
		05					3	223.67	375.00	121.00
	<b>2. Energy Total</b>		<b>3</b>	<b>7.10</b>	<b>20.00</b>	<b>0.65</b>	<b>7</b>	<b>130.76</b>	<b>375.00</b>	<b>0.65</b>
	3. Manufacturing	06	1	360.00	360.00	360.00	1	375.00	375.00	375.00
		07	1	210.10	210.10	210.10	1	240.00	240.00	240.00
		08	9	67.83	240.00	2.10	12	172.38	375.00	1.90
		09	2	211.00	240.00	182.00	1	240.00	240.00	240.00
		10	11	204.91	375.00	2.90	10	243.00	840.00	3.00
		11	2	226.20	231.40	221.00	3	351.67	575.00	240.00
		12					1	240.00	240.00	240.00
		14	1	381.00	381.00	381.00	1	375.00	375.00	375.00
		15	3	135.10	213.00	2.10	3	288.33	375.00	240.00
	<b>3. Manufacturing Total</b>		<b>30</b>	<b>169.84</b>	<b>381.00</b>	<b>2.10</b>	<b>33</b>	<b>239.05</b>	<b>840.00</b>	<b>1.90</b>
	4. Other Industries	16	1	0.21	0.21	0.21	2	120.11	240.00	0.22
	17	3	199.16	357.00	0.48	4	234.25	520.00	2.00	
<b>4. Other Industries Total</b>			<b>149.42</b>	<b>357.00</b>	<b>0.21</b>	<b>6</b>	<b>196.20</b>	<b>520.00</b>	<b>0.22</b>	
<b>Total discharge to Sewage Plant</b>		<b>39</b>	<b>147.15</b>	<b>381.00</b>	<b>0.21</b>	<b>48</b>	<b>208.44</b>	<b>840.00</b>	<b>0.22</b>	
Discharge is not identified	1. Mining	01					1	5.00	5.00	5.00
	<b>1. Mining Total</b>						<b>1</b>	<b>5.00</b>	<b>5.00</b>	<b>5.00</b>
	2. Energy	03								
		04								
		05					1	3.00	3.00	3.00
	<b>2. Energy Total</b>						<b>1</b>	<b>3.00</b>	<b>3.00</b>	<b>3.00</b>
	3. Manufacturing	06								
		07					1	24.50	24.50	24.50
		08								
		09					1	4.70	4.70	4.70
		10	2	106.65	190.30	23.00	2	240.00	240.00	240.00
		11	1	227.00	227.00	227.00	1	240.00	240.00	240.00
		12					1	0.19	0.19	0.19
		13								
		14	1	230.00	230.00	230.00	1	240.00	240.00	240.00
		15								
	<b>3. Manufacturing Total</b>		<b>4</b>	<b>167.58</b>	<b>230.00</b>	<b>23.00</b>	<b>7</b>	<b>141.34</b>	<b>240.00</b>	<b>0.19</b>
4. Other Industries	16					1	70.00	70.00	70.00	
	17					2	23.63	47.00	0.26	
<b>4. Other Industries Total</b>						<b>3</b>	<b>39.09</b>	<b>70.00</b>	<b>0.26</b>	
<b>Not identified Total</b>		<b>4</b>	<b>167.58</b>	<b>230.00</b>	<b>23.00</b>	<b>12</b>	<b>92.89</b>	<b>240.00</b>	<b>0.19</b>	
<b>Grand Total</b>		<b>48</b>	<b>134.02</b>	<b>381.00</b>	<b>0.10</b>	<b>73</b>	<b>163.36</b>	<b>840.00</b>	<b>0.19</b>	

Drainage Location	Categories of Factories		Concentration HPK (mg/l)						HPK=COD	
			Present			Passport				
	Type	No	Fr.	Average	Maximum	Minimum	Fr.	Average	Maximum	Minimum
Discharge To Public Water Bodies	1. Mining	01								
	<b>1. Mining Total</b>									
	2. Energy	04								
		05								
	<b>2. Energy Total</b>									
	3. Manufacturing	08	1	17.00	17.00	17.00	1	25.00	25.00	25.00
		09					1	283.70	283.70	283.70
		10					1	283.70	283.70	283.70
		11					2	1,204.25	2,389.50	19.00
		12								
		14					1	8.40	8.40	8.40
		15					1	20.00	20.00	20.00
	<b>3. Manufacturing Total</b>		<b>1</b>	<b>17.00</b>	<b>17.00</b>	<b>17.00</b>	<b>7</b>	<b>432.76</b>	<b>2,389.50</b>	<b>8.40</b>
4. Other Industries	16					1	8.10	8.10	8.10	
	17	1	32.60	32.60	32.60	2	160.35	283.70	37.00	
<b>4. Other Industries Total</b>			<b>32.60</b>	<b>32.60</b>	<b>32.60</b>	<b>3</b>	<b>109.60</b>	<b>283.70</b>	<b>8.10</b>	
<b>Total Discharge to Public Body</b>		<b>2</b>	<b>24.80</b>	<b>32.60</b>	<b>17.00</b>	<b>10</b>	<b>335.81</b>	<b>2,389.50</b>	<b>8.10</b>	
Discharge to Sewage Plant	1. Mining	01								
	<b>1. Mining Total</b>									
	2. Energy	03	2	146.00	146.00	146.00	2	146.00	146.00	146.00
		04					1	283.70	283.70	283.70
		05					1	500.00	500.00	500.00
	<b>2. Energy Total</b>		<b>2</b>	<b>146.00</b>	<b>146.00</b>	<b>146.00</b>	<b>4</b>	<b>268.93</b>	<b>500.00</b>	<b>146.00</b>
	3. Manufacturing	06	1	427.00	427.00	427.00	1	500.00	500.00	500.00
		07	1	240.30	240.30	240.30	1	283.70	283.70	283.70
		08	6	132.57	283.70	14.40	11	254.75	500.00	10.80
		09	2	226.85	283.70	170.00	2	238.85	283.70	194.00
		10	11	208.48	500.00	0.40	11	260.29	1,120.00	0.45
		11	2	262.75	268.50	257.00	3	604.80	1,247.00	283.70
		12					1	283.70	283.70	283.70
		14	1	513.00	513.00	513.00	1	500.00	500.00	500.00
		15	2	250.70	260.00	241.40	3	357.90	500.00	283.70
	<b>3. Manufacturing Total</b>		<b>26</b>	<b>221.14</b>	<b>513.00</b>	<b>0.40</b>	<b>34</b>	<b>311.72</b>	<b>1,247.00</b>	<b>0.45</b>
	4. Other Industries	16	1	0.23	0.23	0.23	2	141.98	283.70	0.25
	17	2	348.00	413.00	283.00	2	458.85	634.00	283.70	
<b>4. Other Industries Total</b>			<b>232.08</b>	<b>413.00</b>	<b>0.23</b>	<b>4</b>	<b>300.41</b>	<b>634.00</b>	<b>0.25</b>	
<b>Total Discharge to Sewage Plant</b>		<b>31</b>	<b>217.35</b>	<b>513.00</b>	<b>0.23</b>	<b>42</b>	<b>306.57</b>	<b>1,247.00</b>	<b>0.25</b>	
Discharge is not identified	1. Mining	01					1	43.00	43.00	43.00
	<b>1. Mining Total</b>						<b>1</b>	<b>43.00</b>	<b>43.00</b>	<b>43.00</b>
	2. Energy	03								
		04								
		05								
	<b>2. Energy Total</b>									
	3. Manufacturing	06								
		07								
		08								
		09					1	6.30	6.30	6.30
		10	2	134.40	241.80	27.00	2	283.70	283.70	283.70
		11	1	268.00	268.00	268.00	1	283.70	283.70	283.70
		12								
		13								
		14	1	270.00	270.00	270.00	1	283.70	283.70	283.70
		15								
	<b>3. Manufacturing Total</b>		<b>4</b>	<b>201.70</b>	<b>270.00</b>	<b>27.00</b>	<b>5</b>	<b>228.22</b>	<b>283.70</b>	<b>6.30</b>
4. Other Industries	16					1	200.00	200.00	200.00	
	17					1	0.28	0.28	0.28	
<b>4. Other Industries Total</b>						<b>2</b>	<b>100.14</b>	<b>200.00</b>	<b>0.28</b>	
<b>Not identified Total</b>		<b>4</b>	<b>201.70</b>	<b>270.00</b>	<b>27.00</b>	<b>8</b>	<b>173.05</b>	<b>283.70</b>	<b>0.28</b>	
<b>Grand Total</b>		<b>37</b>	<b>205.25</b>	<b>513.00</b>	<b>0.23</b>	<b>60</b>	<b>293.64</b>	<b>2,389.50</b>	<b>0.25</b>	

Drainage Location	Categories of Factories		Concentration of Suspended solid (mg/l)							
			Present				Passport			
	Type	No	Fr.	Average	Maximum	Minimum	Fr.	Average	Maximum	Minimum
Discharge To Public Water Bodies	1. Mining	01	1	7.90	7.90	7.90000	1	22.40	22.40	22.400000
	<b>1. Mining Total</b>		<b>1</b>	<b>7.90</b>	<b>7.90</b>	<b>7.90000</b>	<b>1</b>	<b>22.40</b>	<b>22.40</b>	<b>22.400000</b>
	2. Energy	04								
		05	2	32.13	44.00	20.25000	1	20.00	20.00	20.000000
	<b>2. Energy Total</b>		<b>2</b>	<b>32.13</b>	<b>44.00</b>	<b>20.25000</b>	<b>1</b>	<b>20.00</b>	<b>20.00</b>	<b>20.000000</b>
	3. Manufacturing	08	1	0.04	0.04	0.03600	4	29.75	68.00	0.005000
		09					1	2.95	2.95	2.950000
		10					2	6.48	10.00	2.950000
		11					1	48.00	48.00	48.000000
		12								
		14					1	179.00	179.00	179.000000
		15					1	260.00	260.00	260.000000
	<b>3. Manufacturing Total</b>		<b>1</b>	<b>0.04</b>	<b>0.04</b>	<b>0.03600</b>	<b>10</b>	<b>62.19</b>	<b>260.00</b>	<b>0.005000</b>
	4. Other Industries	16					1	125.00	125.00	125.000000
		17	2	66.08	122.75	9.40000	2	8.98	15.00	2.950000
	<b>4. Other Industries Total</b>		<b>2</b>	<b>66.08</b>	<b>122.75</b>	<b>9.40000</b>	<b>3</b>	<b>47.65</b>	<b>125.00</b>	<b>2.950000</b>
	<b>Total Discharge to Public Body</b>		<b>6</b>	<b>34.06</b>	<b>122.75</b>	<b>0.03600</b>	<b>15</b>	<b>53.82</b>	<b>260.00</b>	<b>0.005000</b>
Discharge to Sewage Plant	1. Mining	01	2	56.00	100.00	12.00000	2	60.50	100.00	21.000000
	<b>1. Mining Total</b>		<b>2</b>	<b>56.00</b>	<b>100.00</b>	<b>12.00000</b>	<b>2</b>	<b>60.50</b>	<b>100.00</b>	<b>21.000000</b>
	2. Energy	03	3	27.13	50.00	15.70000	3	20.47	30.00	15.700000
		04					1	4.95	4.95	4.950000
		05	1	25.20	25.20	25.20000	3	160.40	375.00	25.200000
	<b>2. Energy Total</b>		<b>4</b>	<b>26.65</b>	<b>50.00</b>	<b>15.70000</b>	<b>7</b>	<b>78.22</b>	<b>375.00</b>	<b>4.950000</b>
	3. Manufacturing	06	1	535.00	535.00	535.00000	1	375.00	375.00	375.000000
		07	1	2.10	2.10	2.10000	1	3.50	3.50	3.500000
		08	9	54.24	250.00	0.02000	11	148.40	375.00	0.270000
		09	2	15.85	28.00	3.70000	2	16.15	28.00	4.300000
		10	10	102.09	375.00	2.70000	12	155.51	840.00	2.950000
		11	2	3.25	3.70	2.80000	3	61.63	177.50	3.200000
		12					1	2.98	2.98	2.980000
		14	1	393.00	393.00	393.00000	1	375.00	375.00	375.000000
		15	3	8.60	22.50	0.30000	4	111.81	375.00	3.150000
	<b>3. Manufacturing Total</b>		<b>29</b>	<b>86.32</b>	<b>535.00</b>	<b>0.02000</b>	<b>36</b>	<b>136.65</b>	<b>840.00</b>	<b>0.270000</b>
	4. Other Industries	16	1	12.00	12.00	12.00000	4	12.79	21.00	2.950000
	17	3	4.85	10.20	0.24000	4	28.34	91.50	4.100000	
<b>4. Other Industries Total</b>		<b>4</b>	<b>6.64</b>	<b>12.00</b>	<b>0.24000</b>	<b>8</b>	<b>20.56</b>	<b>91.50</b>	<b>2.950000</b>	
<b>Total Discharge to Sewage Plant</b>		<b>39</b>	<b>70.47</b>	<b>535.00</b>	<b>0.02000</b>	<b>53</b>	<b>108.54</b>	<b>840.00</b>	<b>0.270000</b>	
Discharge is not identified	1. Mining	01					2	13.13	16.25	10.000000
	<b>1. Mining Total</b>						<b>2</b>	<b>13.13</b>	<b>16.25</b>	<b>10.000000</b>
	2. Energy	03								
		04								
		05					1	5.00	5.00	5.000000
	<b>2. Energy Total</b>						<b>1</b>	<b>5.00</b>	<b>5.00</b>	<b>5.000000</b>
	3. Manufacturing	06								
		07					1	25.00	25.00	25.000000
		08								
		09					1	145.00	145.00	145.000000
		10	2	1.39	2.51	0.27300	3	36.97	105.00	2.950000
		11	1	2.71	2.71	2.71000	1	2.95	2.95	2.950000
		12					1	3.50	3.50	3.500000
		13								
		14	1	2.80	2.80	2.80000	1	2.95	2.95	2.950000
		15								
	<b>3. Manufacturing Total</b>		<b>4</b>	<b>2.07</b>	<b>2.80</b>	<b>0.27300</b>	<b>8</b>	<b>36.29</b>	<b>145.00</b>	<b>2.950000</b>
4. Other Industries	16					1	120.00	120.00	120.000000	
	17	2	27.30	45.50	9.10000	3	153.77	375.00	4.300000	
<b>4. Other Industries Total</b>		<b>2</b>	<b>27.30</b>	<b>45.50</b>	<b>9.10000</b>	<b>4</b>	<b>145.33</b>	<b>375.00</b>	<b>4.300000</b>	
<b>No Identified Total</b>		<b>6</b>	<b>10.48</b>	<b>45.50</b>	<b>0.27300</b>	<b>15</b>	<b>60.19</b>	<b>375.00</b>	<b>2.950000</b>	
<b>Grand Total</b>		<b>51</b>	<b>59.13</b>	<b>535.00</b>	<b>0.02000</b>	<b>83</b>	<b>89.91</b>	<b>840.00</b>	<b>0.005000</b>	

**a.5 Industrial Waste**  
**a.5.1 Industrial Waste Generation Analysis**

Categories of Factories		1. Waste Oil (ton/y)									
		Present					Passport				
Type	No	Fr.	Total	Average	Maximum	Minimum	Fr.	Total	Average	Max	Min
1. Mining	01	1	4.00	4.00	4.00	4.00	1	4.20	4.20	4.20	4.20
<b>1. Mining Total</b>		<b>1</b>	<b>4.00</b>	<b>4.00</b>	<b>4.00</b>	<b>4.00</b>	<b>1</b>	<b>4.20</b>	<b>4.20</b>	<b>4.20</b>	<b>4.20</b>
2. Energy	03										
	04	1	1.00	1.00	1.00	1.00					
	05	1	2.00	2.00	2.00	2.00					
<b>2. Energy Total</b>		<b>2</b>	<b>3.00</b>	<b>1.50</b>	<b>2.00</b>	<b>1.00</b>					
3. Manufacturing	06										
	07	1	2.00	2.00	2.00	2.00					
	08	9	31.20	3.47	12.50	0.20	7	56.14	8.02	15.00	0.80
	09	2	3.00	1.50	2.00	1.00	1	7.00	7.00	7.00	7.00
	10	1	3.00	3.00	3.00	3.00					
	11										
	12										
	13										
	14										
	15	1	4.70	4.70	4.70	4.70					
<b>3. Manufacturing Total</b>		<b>14</b>	<b>43.90</b>	<b>3.14</b>	<b>12.50</b>	<b>0.20</b>	<b>8</b>	<b>63.14</b>	<b>7.89</b>	<b>15.00</b>	<b>0.80</b>
4. Other Industries	16	8	44.58	5.57	17.00	0.08	5	53.72	10.74	19.00	0.22
	17	4	3.96	0.99	3.50	0.06	2	5.15	2.58	5.00	0.15
<b>4. Other Industries Total</b>			<b>48.53</b>	<b>4.04</b>	<b>17.00</b>	<b>0.06</b>	<b>7</b>	<b>58.87</b>	<b>8.41</b>	<b>19.00</b>	<b>0.15</b>
<b>Grand Total</b>		<b>29</b>	<b>99.43</b>	<b>3.43</b>	<b>17.00</b>	<b>0.06</b>	<b>16</b>	<b>126.21</b>	<b>7.89</b>	<b>19.00</b>	<b>0.15</b>

Categories of Factories		2. Oil Sludge (ton/y)									
		Present					Passport				
Type	No	Fr.	Total	Average	Maximum	Minimum	Fr.	Total	Average	Max	Min
1. Mining	01	4	230.53	57.63	118.73	20.00	4	284.15	71.04	122.25	45.70
<b>1. Mining Total</b>		<b>4</b>	<b>230.53</b>	<b>57.63</b>	<b>118.73</b>	<b>20.00</b>	<b>4</b>	<b>284.15</b>	<b>71.04</b>	<b>122.25</b>	<b>45.70</b>
2. Energy	03	1	0.40	0.40	0.40	0.40	1	1.80	1.80	1.80	1.80
	04										
	05										
<b>2. Energy Total</b>		<b>1</b>	<b>0.40</b>	<b>0.40</b>	<b>0.40</b>	<b>0.40</b>	<b>1</b>	<b>1.8</b>	<b>1.8</b>	<b>1.8</b>	<b>1.8</b>
3. Manufacturing	06										
	07										
	08	1	160.00	160.00	160.00	160.00	1	200.00	200.00	200.00	200.00
	09										
	10	1	21.00	21.00	21.00	21.00					
	11										
	12										
	13										
	14										
	15										
<b>3. Manufacturing Total</b>		<b>2</b>	<b>181.00</b>	<b>90.50</b>	<b>160.00</b>	<b>21.00</b>	<b>1</b>	<b>200.00</b>	<b>200.00</b>	<b>200.00</b>	<b>200.00</b>
4. Other Industries	16										
	17	4	119.00	29.75	102.00	2.50	3	157.00	52.33	142.00	5.00
<b>4. Other Industries Total</b>			<b>119.00</b>	<b>29.75</b>	<b>102.00</b>	<b>2.50</b>	<b>3</b>	<b>157.00</b>	<b>52.33</b>	<b>142.00</b>	<b>5.00</b>
<b>Grand Total</b>		<b>11</b>	<b>530.93</b>	<b>48.27</b>	<b>160.00</b>	<b>0.40</b>	<b>9</b>	<b>642.95</b>	<b>71.44</b>	<b>200.00</b>	<b>1.80</b>

Categories of Factories		3. Non -Oily Organic Sludge (ton/y)									
		Present					Passport				
Type	No	Fr.	Total	Average	Max	Min	Fr.	Total	Average	Max	Min
1. Mining	01										
<b>1. Mining Total</b>											
2. Energy	03										
	04	1	15.00	15.00	15.00	15.0000					
	05	1	25.00	25.00	25.00	25.0000					
<b>2. Energy Total</b>		<b>2</b>	<b>40.00</b>	<b>20.00</b>	<b>25.00</b>	<b>15.0000</b>					
3. Manufacturing	06										
	07										
	08	6	3,204.00	534.00	3,200.0	0.0001	6	3,200.65	533.44	3,200.0	0.0001
	09										
	10										
	11										
	12										
	13										
	14										
15											
<b>3. Manufacturing Total</b>		<b>6</b>	<b>3,204.00</b>	<b>534.00</b>	<b>3,200.0</b>	<b>0.0001</b>	<b>6</b>	<b>3,200.65</b>	<b>533.44</b>	<b>3,200.0</b>	<b>0.0001</b>
4. Other Industries	16										
	17	1	39,442.00	39,442.00	39,442.0	39,442.00					
<b>4. Other Industries Total</b>			<b>39,442.00</b>	<b>39,442.00</b>	<b>39,442.0</b>	<b>39,442.00</b>					
<b>Grand Total</b>		<b>9</b>	<b>42,686.00</b>	<b>4,742.89</b>	<b>39,442.0</b>	<b>0.0001</b>	<b>6</b>	<b>3,200.65</b>	<b>533.44</b>	<b>3,200.0</b>	<b>0.0001</b>

Categories of Factories		4. Inorganic Sludge (ton/y)									
		Present					Passport				
Type	No	Fr.	Total	Average	Maximum	Minimum	Fr.	Total	Average	Max	Min
1. Mining	01										
<b>1. Mining Total</b>											
2. Energy	03										
	04										
	05										
<b>2. Energy Total</b>											
3. Manufacturing	06										
	07										
	08	8	65.44	8.18	40.00	0.10	8	1,055.46	131.93	784.10	0.66
	09	2	9.00	4.50	6.00	3.00	2	7,010.00	3,505.00	7,000.0	10.00
	10										
	11										
	12										
	13										
	14										
15											
<b>3. Manufacturing Total</b>		<b>10</b>	<b>74.44</b>	<b>7.44</b>	<b>40.00</b>	<b>0.10</b>	<b>10</b>	<b>8,065.46</b>	<b>806.55</b>	<b>7,000.0</b>	<b>0.66</b>
4. Other Industries	16										
	17										
<b>4. Other Industries Total</b>											
<b>Grand Total</b>		<b>10</b>	<b>74.44</b>	<b>7.44</b>	<b>40.00</b>	<b>0.10</b>	<b>10</b>	<b>8,065.46</b>	<b>806.55</b>	<b>7,000.0</b>	<b>0.66</b>

Categories of Factories		5. Waste Chemical (ton/y)									
		Present					Passport				
Type	No	Fr.	Total	Average	Maximum	Minimum	Fr.	Total	Average	Max	Min
1. Mining	01										
<b>1. Mining Total</b>											
2. Energy	03										
	04										
	05										
<b>2. Energy Total</b>											
3. Manufacturing	06										
	07	1	9,900.00	9,900.00	9,900.00	9,900.0000					
	08	5	12.08	2.42	10.00	0.0003	6	160.12	26.69	128.14	0.001
	09										
	10	1	19.15	19.15	19.15	19.1500	2	13.10	6.55	10.10	3.000
	11	1	3.40	3.40	3.40	3.4000	1	138.30	138.30	138.30	138.300
	12										
	13										
	14										
	15										
<b>3. Manufacturing Total</b>		<b>8</b>	<b>9,934.63</b>	<b>1,241.83</b>	<b>9,900.00</b>	<b>0.0003</b>	<b>9</b>	<b>311.52</b>	<b>34.61</b>	<b>138.30</b>	<b>0.001</b>
4. Other Industries	16										
	17	1	0.10	0.10	0.10	0.1000					
<b>4. Other Industries Total</b>			<b>0.10</b>	<b>0.10</b>	<b>0.10</b>	<b>0.1000</b>					
<b>Grand Total</b>		<b>9</b>	<b>9,934.73</b>	<b>1,103.86</b>	<b>9,900.00</b>	<b>0.0003</b>	<b>9</b>	<b>311.52</b>	<b>34.61</b>	<b>138.30</b>	<b>0.001</b>

Categories of Factories		6. Burnable Solid Waste (ton/y)									
		Present					Passport				
Type	No	Fr.	Total	Average	Maximum	Minimum	Fr.	Total	Average	Max	Min
1. Mining	01										
<b>1. Mining Total</b>											
2. Energy	03										
	04										
	05										
<b>2. Energy Total</b>											
3. Manufacturing	06										
	07	1	0.60	0.60	0.60	0.60	1	4.00	4.00	4.00	4.00
	08	7	56.03	8.00	50.00	0.08	10	28.52	2.85	11.00	0.10
	09	1	6.00	6.00	6.00	6.00	1	0.09	0.09	0.09	0.09
	10	9	187.18	20.80	120.00	0.02	5	311.65	62.33	270.00	0.17
	11	6	6.46	1.08	3.80	0.05	3	12.30	4.10	10.00	0.80
	12	4	62.46	15.62	59.00	0.30	1	7.00	7.00	7.00	7.00
	13	5	10.19	2.04	6.90	0.10	2	1.71	0.86	1.10	0.61
	14	5	222.08	44.42	200.00	0.08					
	15	2	32.10	16.05	31.30	0.80	1	8.00	8.00	8.00	8.00
<b>3. Manufacturing Total</b>		<b>40</b>	<b>583.11</b>	<b>14.58</b>	<b>200.00</b>	<b>0.02</b>	<b>24</b>	<b>373.26</b>	<b>15.55</b>	<b>270.00</b>	<b>0.09</b>
4. Other Industries	16	3	3.30	1.10	3.00	0.10	3	21.60	7.20	20.80	0.20
	17	7	3,902.70	650.45	3,307.20	0.10	1	6.00	6.00	6.00	6.00
<b>4. Other Industries Total</b>			<b>3,906.00</b>	<b>434.00</b>	<b>3,307.20</b>	<b>0.10</b>	<b>4</b>	<b>27.60</b>	<b>6.90</b>	<b>20.80</b>	<b>0.20</b>
<b>Grand Total</b>		<b>50</b>	<b>4,489.11</b>	<b>91.61</b>	<b>3,307.20</b>	<b>0.02</b>	<b>28</b>	<b>400.86</b>	<b>14.32</b>	<b>270.00</b>	<b>0.09</b>

Categories of Factories		7. Non-Burnable Solid Waste (ton/y)									
		Present					Passport				
Type	No	Fr.	Total	Average	Max	Min	Fr.	Total	Average	Max	Min
1. Mining	01	1	33.25	33.25	33.25	33.250	1	33.25	33.25	33.25	33.250
<b>1. Mining Total</b>		<b>1</b>	<b>33.25</b>	<b>33.25</b>	<b>33.25</b>	<b>33.250</b>	<b>1</b>	<b>33.25</b>	<b>33.25</b>	<b>33.25</b>	<b>33.250</b>
2. Energy	03	1	150.00	150.00	150.00	150.000	1	500.00	500.00	500.00	500.000
	04						1	44,100.00	44,100.0	44,100.00	44,100.00
	05										0
<b>2. Energy Total</b>		<b>1</b>	<b>150.00</b>	<b>150.00</b>	<b>150.00</b>	<b>150.000</b>	<b>2</b>	<b>44600</b>	<b>22300</b>	<b>44100</b>	<b>500.000</b>
3. Manufacturing	06	2	7.20	3.60	6.00	1.200					
	07	1	0.20	0.20	0.20	0.200					
	08	39	635.88	16.30	150.00	0.002	43	4,269.03	99.28	1,431.00	0.002
	09	17	77,524.15	4,560.24	76,000.00	0.350	13	127,378.31	9,798.33	82,000.00	0.100
	10	1	0.90	0.90	0.90	0.900	2	11.30	5.65	10.40	0.900
	11	1	6.00	6.00	6.00	6.000	1	40.00	40.00	40.00	40.000
	12										
	13										
	14	1	0.35	0.35	0.35	0.350	2	271.35	135.68	197.00	74.350
	15	3	42.20	14.07	26.20	4.000	2	81.50	40.75	80.00	1.500
<b>3. Manufacturing Total</b>		<b>65</b>	<b>78,216.88</b>	<b>1,203.34</b>	<b>76,000.00</b>	<b>0.002</b>	<b>63</b>	<b>132051.49</b>	<b>2096.06</b>	<b>82000.00</b>	<b>0.002</b>
4. Other Industries	16	9	387.10	43.01	250.00	0.200	6	364.75	60.79	250.00	0.150
	17	6	1,340.71	223.45	900.00	0.150	4	1,428.57	357.14	1,000.00	0.240
<b>4. Other Industries Total</b>			<b>1,727.81</b>	<b>115.19</b>	<b>900.00</b>	<b>0.150</b>	<b>10</b>	<b>1793.32</b>	<b>179.33</b>	<b>1000.00</b>	<b>0.150</b>
<b>Grand Total</b>		<b>82</b>	<b>80,127.94</b>	<b>977.17</b>	<b>76,000.00</b>	<b>0.002</b>	<b>76</b>	<b>178,478.05</b>	<b>2,348.40</b>	<b>82,000.00</b>	<b>0.002</b>

Categories of Factories		8. Others (ton/y)									
		Present					Passport				
Type	No	Fr.	Total	Average	Max	Min	Fr.	Total	Average	Maximum	Minimum
1. Mining	01										
<b>1. Mining Total</b>											
2. Energy	03										
	04	1	30.00	30.00	30.00	30.00					
	05	1	48.00	48.00	48.00	48.00					
<b>2. Energy Total</b>		<b>2</b>	<b>78.00</b>	<b>39.00</b>	<b>48.00</b>	<b>30.00</b>					
3. Manufacturing	06										
	07	2	12.50	6.25	12.00	0.50					
	08	9	127.36	14.15	70.00	0.60	7	76.58	10.94	61.00	0.50
	09	2	11.00	5.50	10.00	1.00	1	2.00	2.00	2.00	2.00
	10	13	37.10	2.85	8.00	0.15	8	1,051.44	131.43	1,000.00	0.20
	11	5	44.02	8.80	25.00	0.01					
	12										
	13										
	14	1	2.00	2.00	2.00	2.00					
	15	3	78.10	26.03	48.00	0.10	1	203.20	203.20	203.20	203.20
<b>3. Manufacturing Total</b>		<b>35</b>	<b>312.07</b>	<b>8.92</b>	<b>70.00</b>	<b>0.01</b>	<b>17</b>	<b>1333.22</b>	<b>78.42</b>	<b>1000.00</b>	<b>0.20</b>
4. Other Industries	16	2	19.00	9.50	14.00	5.00					
	17	4	1,541.00	385.25	1,500.00	2.00	1	3,000.00	3,000.00	3,000.00	3,000.00
<b>4. Other Industries Total</b>			<b>1,560.00</b>	<b>260.00</b>	<b>1,500.00</b>	<b>2.00</b>	<b>1</b>	<b>3000.00</b>	<b>3000.00</b>	<b>3000.00</b>	<b>3000.00</b>
<b>Grand Total</b>		<b>43</b>	<b>1,950.07</b>	<b>45.35</b>	<b>1,500.00</b>	<b>0.01</b>	<b>18</b>	<b>4,333.22</b>	<b>240.73</b>	<b>3,000.00</b>	<b>0.20</b>

**a.5.2 Industrial Waste Generation (Taken away %)**

Categories of Factories		1. Waste Oil (Ton/v)					
		No	Fr.	Total	Taken Away (Ton/y)		
No	Yes (Ton/y) (%)				N/A		
1. Mining	01	1	4.00		4.00	100.0%	
<b>1. Mining Total</b>		<b>1</b>	<b>4.00</b>		<b>4.00</b>	<b>100.0%</b>	
2. Energy	03						
	04	1	1.00		1.00	100.0%	
	05	1	2.00			0.0%	2.00
<b>2. Energy Total</b>		<b>2</b>	<b>3.00</b>		<b>1.00</b>	<b>33.3%</b>	<b>2.00</b>
3. Manufacturing	06						
	07	1	2.00		2.00	100.0%	
	08	9	31.20		31.00	99.4%	0.20
	09	2	3.00		3.00	100.0%	
	10	1	3.00		3.00	100.0%	
	11						
	12						
	13						
	14						
	15	1	4.70		4.70	100.0%	
<b>3. Manufacturing Total</b>		<b>14</b>	<b>43.90</b>		<b>43.70</b>	<b>99.5%</b>	<b>0.20</b>
4. Other Industries	16	8	44.58	0.54	44.04	98.8%	
	17	4	3.96	0.40	3.56	89.9%	
<b>4. Other Industries Total</b>		<b>12</b>	<b>48.53</b>	<b>0.94</b>	<b>47.59</b>	<b>98.1%</b>	
<b>Grand Total</b>		<b>29</b>	<b>99.43</b>	<b>0.94</b>	<b>96.29</b>	<b>96.8%</b>	<b>2.20</b>

Categories of Factories		2. Oil Sludge (Ton/y)					
		No	Fr.	Total	Taken Away (Ton/y)		
No	Yes (Ton/y) (%)				N/A		
1. Mining	01	4	230.53	45.70	184.83	80.2%	
<b>1. Mining Total</b>		<b>4</b>	<b>230.53</b>	<b>45.70</b>	<b>184.83</b>	<b>80.2%</b>	
2. Energy	03	1	0.40	0.40		0.0%	
	04						
	05						
<b>2. Energy Total</b>		<b>1</b>	<b>0.40</b>	<b>0.40</b>		<b>0.0%</b>	
3. Manufacturing	06						
	07						
	08	1	160.00		160.00	100.0%	
	09						
	10	1	21.00		21.00	100.0%	
	11						
	12						
	13						
	14						
	15						
<b>3. Manufacturing Total</b>		<b>2</b>	<b>181.00</b>		<b>181.00</b>	<b>100.0%</b>	
4. Other Industries	16						
	17	4	119.00		119.00	100.0%	
<b>4. Other Industries Total</b>		<b>4</b>	<b>119.00</b>		<b>119.00</b>	<b>100.0%</b>	
<b>Grand Total</b>		<b>11</b>	<b>530.93</b>	<b>46.10</b>	<b>484.83</b>	<b>91.3%</b>	



Categories of Factories		3. Non-Oily Organic Sludge (Ton/y)				
		Fr.	Total	Taken Away (Ton/y)		
Type	No			No	Yes (Ton/y) (%)	N/A
1. Mining	01					
<b>1. Mining Total</b>						
2. Energy	03					
	04	1	15.00	15.00	100.0%	
	05	1	25.00		0.0%	25.00
<b>2. Energy Total</b>		<b>2</b>	<b>40.00</b>	<b>15.00</b>	<b>37.5%</b>	<b>25.00</b>
3. Manufacturing	06					
	07					
	08	6	3,204.00		0.0%	3,204.00
	09					
	10					
	11					
	12					
	13					
	14					
	15					
<b>3. Manufacturing Total</b>		<b>6</b>	<b>3,204.00</b>		<b>0.0%</b>	<b>3,204.00</b>
4. Other Industries	16					
	17	1	39,442.00	39,442.00	100.0%	
<b>4. Other Industries Total</b>		<b>1</b>	<b>39,442.00</b>	<b>39,442.00</b>	<b>100.0%</b>	
<b>Grand Total</b>		<b>9</b>	<b>42,686.00</b>	<b>39,457.00</b>	<b>92.4%</b>	<b>3,229.00</b>

Categories of Factories		4. Inorganic Sludge (Ton/y)				
		Fr.	Total	Taken Away (Ton/y)		
Type	No			No	Yes (Ton/y) (%)	N/A
1. Mining	01					
<b>1. Mining Total</b>						
2. Energy	03					
	04					
	05					
<b>2. Energy Total</b>						
3. Manufacturing	06					
	07					
	08	8	65.44	65.44	100.0%	
	09	2	9.00	9.00	100.0%	
	10					
	11					
	12					
	13					
	14					
	15					
<b>3. Manufacturing Total</b>		<b>10</b>	<b>74.44</b>	<b>74.44</b>	<b>100.0%</b>	
4. Other Industries	16					
	17					
<b>4. Other Industries Total</b>						
<b>Grand Total</b>		<b>10</b>	<b>74.44</b>	<b>74.44</b>	<b>100.0%</b>	

Categories of Factories		5. Waste Chemical (Ton/y)				
		Fr.	Total	Taken Away (Ton/y)		
Type	No			No	Yes (Ton/y) (%)	N/A
<b>1. Mining</b>	<b>01</b>					
<b>1. Mining Total</b>						
<b>2. Energy</b>	<b>03</b>					
	<b>04</b>					
	<b>05</b>					
<b>2. Energy Total</b>						
<b>3. Manufacturing</b>	<b>06</b>					
	<b>07</b>	1	9,900.00	9,900.00	0.0%	
	<b>08</b>	5	12.08	0.00	10.00	82.8%
	<b>09</b>					
	<b>10</b>	1	19.15	19.15	0.0%	
	<b>11</b>	1	3.40	3.40	0.0%	
	<b>12</b>					
	<b>13</b>					
	<b>14</b>					
	<b>15</b>					
<b>3. Manufacturing Total</b>		<b>8</b>	<b>9,934.63</b>	<b>9,922.55</b>	<b>10.00</b>	<b>0.1%</b>
<b>4. Other Industries</b>	<b>16</b>					
	<b>17</b>	1	0.10	0.10	0.0%	
<b>4. Other Industries Total</b>		<b>1</b>	<b>0.10</b>	<b>0.10</b>	<b>0.0%</b>	
<b>Grand Total</b>		<b>9</b>	<b>9,934.73</b>	<b>9,922.65</b>	<b>10.00</b>	<b>0.1%</b>

Categories of Factories		6. Burnable Solid Waste (Ton/y)				
		Fr.	Total	Taken Away (Ton/y)		
Type	No			No	Yes (Ton/y) (%)	N/A
<b>1. Mining</b>	<b>01</b>					
<b>1. Mining Total</b>						
<b>2. Energy</b>	<b>03</b>					
	<b>04</b>					
	<b>05</b>					
<b>2. Energy Total</b>						
<b>3. Manufacturing</b>	<b>06</b>					
	<b>07</b>	1	0.60	0.60	100.0%	
	<b>08</b>	7	56.03	0.21	55.42	98.9%
	<b>09</b>	1	6.00	6.00	100.0%	
	<b>10</b>	9	187.18	187.10	100.0%	0.08
	<b>11</b>	6	6.46	4.96	76.8%	1.50
	<b>12</b>	4	62.46	38.35	24.11	38.6%
	<b>13</b>	5	10.19	10.19	100.0%	
	<b>14</b>	5	222.08	205.08	17.00	7.7%
	<b>15</b>	2	32.10	32.10	100.0%	
<b>3. Manufacturing Total</b>		<b>40</b>	<b>583.11</b>	<b>243.64</b>	<b>337.49</b>	<b>57.9%</b>
<b>4. Other Industries</b>	<b>16</b>	3	3.30	3.30	100.0%	
	<b>17</b>	7	3,902.70	3,318.70	85.0%	584.00
<b>4. Other Industries Total</b>		<b>10</b>	<b>3,906.00</b>	<b>3,322.00</b>	<b>85.0%</b>	<b>584.00</b>
<b>Grand Total</b>		<b>50</b>	<b>4,489.11</b>	<b>243.64</b>	<b>3,659.49</b>	<b>81.5%</b>

Categories of Factories		7. Non-Burnable Solid Waste (Ton/y)				
		Fr.	Total	Taken Away (Ton/y)		
Type	No			No	Yes (Ton/y) (%)	N/A
1. Mining	01	1	33.25		0.0%	33.25
<b>1. Mining Total</b>		<b>1</b>	<b>33.25</b>		<b>0.0%</b>	<b>33.25</b>
2. Energy	03	1	150.00		150.00	100.0%
	04					
	05					
<b>2. Energy Total</b>		<b>1</b>	<b>150.00</b>		<b>150.00</b>	<b>100.0%</b>
3. Manufacturing	06	2	7.20	7.20		0.0%
	07	1	0.20			0.0%
	08	39	635.88	33.79	497.42	78.2%
	09	17	77,524.15	77,234.10	290.05	0.4%
	10	1	0.90		0.90	100.0%
	11	1	6.00		6.00	100.0%
	12					
	13					
	14	1	0.35	0.35		0.0%
	15	3	42.20	26.20	16.00	37.9%
<b>3. Manufacturing Total</b>		<b>65</b>	<b>78,216.88</b>	<b>77,301.64</b>	<b>810.37</b>	<b>1.0%</b>
4. Other Industries	16	9	387.10		387.10	100.0%
	17	6	1,340.71	0.06	912.09	68.0%
<b>4. Other Industries Total</b>		<b>15</b>	<b>1,727.81</b>	<b>0.06</b>	<b>1,299.19</b>	<b>75.2%</b>
<b>Grand Total</b>		<b>82</b>	<b>80,127.94</b>	<b>77,301.70</b>	<b>2,259.56</b>	<b>2.8%</b>

Categories of Factories		8. Others (Ton/y)				
		Fr.	Total	Taken Away (Ton/y)		
Type	No			No	Yes (Ton/y) (%)	N/A
1. Mining	01					
<b>1. Mining Total</b>						
2. Energy	03					
	04	1	30.00	12.00	18.00	60.0%
	05	1	48.00			0.0%
<b>2. Energy Total</b>		<b>2</b>	<b>78.00</b>	<b>12.00</b>	<b>18.00</b>	<b>23.1%</b>
3. Manufacturing	06					
	07	2	12.50		12.50	100.0%
	08	9	127.36		95.10	74.7%
	09	2	11.00		11.00	100.0%
	10	13	37.10		37.10	100.0%
	11	5	44.02		44.02	100.0%
	12					
	13					
	14	1	2.00		2.00	100.0%
	15	3	78.10		30.10	38.5%
<b>3. Manufacturing Total</b>		<b>35</b>	<b>312.07</b>		<b>231.82</b>	<b>74.3%</b>
4. Other Industries	16	2	19.00		19.00	100.0%
	17	4	1,541.00	750.00	761.00	49.4%
<b>4. Other Industries Total</b>		<b>6</b>	<b>1,560.00</b>	<b>750.00</b>	<b>780.00</b>	<b>50.0%</b>
<b>Grand Total</b>		<b>43</b>	<b>1,950.07</b>	<b>762.00</b>	<b>1,029.82</b>	<b>52.8%</b>

**b. Questionnaire Survey**

**b.1 Q.1 – The reasons why you do not make any efforts.**

No.	Factory number	Reason
1	4	(no negative influence to environment)
2	5	(ecologically pure enterprise)
3	9	(enterprise does not polluting environment)
4	17	(ecologically pure enterprise)
5	21	(enterprise is not working presently)
6	26	(enterprises not working)
7	30	(limited financial possibilities)
8	37	(enterprise not working since 1998 )
9	46	(enterprises not working)
10	52	(enterprises not working)
11	53	(enterprises not working)
12	55	(enterprises not working)
13	57	(no-waste enterprise)
14	63	(shortage of funds)
15	69	(no pollution)
16	72	(ecologically pure enterprise)
17	73	(ecologically pure enterprise)
18	79	(ecologically pure enterprise)
19	111	(due to lack of funds)
20	138	(ecologically pure enterprise)
21	141	(wastes in normal range)
22	170	(due to lack of funds)
23	171	(due to lack of funds)
24	173	(due to lack of funds)
25	205	(no pollution)
26	217	(ecologically pure enterprise)

**b.2 Q.2 – Target Pollutants and Reduction method**

**b.2.1 Air pollution measures**

No.	Factory number	Target pollutants and Reduction method
1	1	nitric and sulphur oxide-technology enhancement
2	3	(smoke wastes-filtration)
3	7	(CO -regular control by gas-analyser)
4	8	(welding gases-suction ventilation)
5	10	(smoke wastes-changing filters)
6	11	(sulphur, nitric oxide - gas-collecting units)
7	12	(oil gas collecting units)
8	14	(smoke gases-suction ventilation)
9	15	(smoke gases-suction ventilation)
10	16	(smoke gas, sawdust-suction ventilation,"Cyclons")
11	18	(pollution, dust-liquidation of pollution resources, suction ventilation)
12	19	(dust, smoke gases-suction ventilation)
13	20	(wool dust-respirators,suction ventilation)
14	22	(exhausts-installation of taps)

15	23	(dust-suction ventilation)
16	24	(smoke gases-filters usage)
17	28	(sawdust-use of dust collecting ventilation system)
18	29	(smoke gases-use of filters)
19	34	(nitric and sulphur oxide-reconstruction of equipment)
20	39	(NOx, CO, abrasive dust-reducing fuel consumption, filtration)
21	45	(dye-sedimentation)
22	47	(change of old equipment)
23	49	(absorbation of smoke gases)
24	60	(smoke wastes-adsorbers application)
25	62	(suspended particles-countercurrent flow)
26	63	(soot, nitric oxide, sulphur anhydride-collectors)
27	64	(welding fume, CO, suspended particles - dust-gas cleaning PA-218, hydro filtrates, ventilation)
28	65	(CO -thrown into atmosphere)
29	66	(inorganic dust-ventilation system)
30	67	(aspiration dust-filters, cyclones)
31	68	(varnish-colour-hydro filters, dust collectors)
32	71	(dust- dust collectors, ventilation)
33	74	(dust-dust collectors)
34	75	(mechanical dust, CO -change of technology)
35	76	(dust-ventilation system)
36	77	(mechanical dust-change of dust collector technology)
37	78	(mechanical particles-dust collector)
38	80	(suspended particles, CO -dust collector, ventilation system)
39	81	(mechanical particles, CO --DP-10-dry cleaning,PVN collecting fan)
40	86	(exhaust gases-enhancement of cars' technical condition)
41	89	(cement dust-filtration)
42	90	(--filtration)
43	91	(sulphur and nitrit oxide-filtration, cyclones)
44	92	(dust-provision of normal work of the devices)
45	93	(acid, alkali-purification devices)
46	94	(nitrit oxide-technology enhancement)
47	95	(dust-provision of normal work of the devices)
48	96	(smoke gas-reducing the preparation time for the casting oven)
49	97	(NOx, SO <sub>2</sub> , CO, wastes, gases-filtration)
50	98	(dust-filtration)
51	99	(sawdust-suction ventilation)
52	100	(sulphur and nitrit oxide-suction ventilation)
53	101	(dust nitrit oxixe-filtration, suction ventilation)
54	102	(dust-filter)
55	103	(somoke gases,dust-filtration ,suction ventilation)
56	104	(sawdust -retractive ventilation)
57	105	(CO and NO-carburetter)
58	106	(ventilation, filtration)
59	107	(gross wastes throwing-keeping the optimal burning mode in boilers, analythic control on resourses of ejection into atmosphere)
60	108	(smoke gases, abrasive dust-retractive ventilation)
61	110	NOx, CO, SO <sub>2</sub> (none)
62	114	(nitric oxide-application of electricity instead of gas)
63	119	(NO <sub>2</sub> , SOx-liquidation of gas direct contact with aluminum)

64	120	(inorganic dust-dust collector)
65	121	(acid fumes-filters)
66	124	(cotton dust-filters)
67	126	(soot-ZIL-900 unit, Cyclon
68	127	(abrasive dust-installation of filters ZIL-900.)
69	128	(flour dust- Cyclon unit)
70	130	(gases COx, NOx-setting-up fuel equipment)
71	132	(inorganic dust-filters)
72	133	(methane-timely qualitative repair)
73	135	(cement dust-hermetization of transport hoses)
74	136	(cement dust-hermetization of transport hoses)
75	137	(hydrocarbon fumes-regular revision of suspended equipment)
76	139	(cement dust-hermetization of transport hoses)
77	142	(NOx, SO <sub>2</sub> , CO, H <sub>2</sub> S, p/s-technology enhancement)
78	144	(production dust-dust collecting units)
79	145	(smoke gases-setting up burner, complete combustion)
80	146	(NOx , SO <sub>2</sub> -observance of burning rejimes)
81	148	(exhaust gases-absorber)
82	150	(NOx, s/l-normal operation of technological process)
83	151	(NOx, dust, CO <sub>2</sub> -absent)
84	152	(dust-cyclones)
85	155	(dust-dust collector, filters, asperation units)
86	157	(gas and dust-gas and dust collectors)
87	158	(hydrocarbons-keeping the equipment in good condition)
88	160	(dust-pollination)
89	161	(welding fume-application of ecologically pure technologies)
90	162	(inorganic dust-"Cyclones")
91	163	(dust-suppression)
92	166	(inorganic dust-pollination by water in summer time)
93	174	(--application of purifying units, filters, sediment chambers)
94	175	(metal dust, gases-application of dust-gas collecting units)
95	176	(--application of dust collecting units)
96	177	(--packing of the connection)
97	181	(--application of dust collecting units)
98	182	(--timely maintenance for burning units)
99	184	(--integration of dust collectors and wet linearizaiton)
100	186	(exhaust gases-engine timely maintenance)
101	190	(carbon dioxide-application of water filters)
102	191	(suspended particles -filters application)
103	194	(exhaust gases of tractor-timely preventive arrangements)
104	195	(metal dust. Application of dust collecting aggregates)
105	196	(application of dust collecting units)
106	201	(dust-dust collector Zil-900)
107	208	(red derivative-filtration(hydro filter))
108	211	(oven gases-none)
109	219	(atmosphere smoke gases)
110	220	(hydrocarbons-keeping the equipment in good condition)
111	221	(--requires to install filter units)
112	222	(suspended particles, welding fume-ZIL-900,"Cyclon")
113	223	(organic dust-ventilation through water gate)

114	224	(NO <sub>2</sub> , SO <sub>2</sub> -absorption by means of catalyst)
115	225	(suspended particles-dust collector)
116	226	(suspended particles-ventilation through water gate)
117	227	(sawdust-"Cyclon" units, ZIL-900)
118	228	(dust, NO <sub>x</sub> -purifying units)
119	229	(NO <sub>x</sub> , NO <sub>x</sub> , dust-filtration, cyclones)
120	231	(suspended particles and fume-Units "Cyclone" and ZIL-900)
121	232	(insulation dust-dust collectors)
122	233	(solid suspended particles-separation, ZIL-900)
123	234	(atmosphere wastes-stepwise fuel burning)
124	235	(organic dust-filtration)
125	237	(hydrocarbons-keeping the equipment in good condition)
126	239	(suspended particles-separation on ZIL-900 unit)
127	240	(organic dust-filtration)
128	241	(suspended particles-separation ZIL-900)
129	242	(suspended particles-separation)
130	243	(NO <sub>2</sub> -regulation of details for toxicity)
131	244	(inorganic dust-separation(ZIL-900)
132	245	(suspended particles-separation, "Cyclone" unit, ZIL-900)
133	246	(suspended particles-separation on ZIL-900 unit)
134	248	(solid suspended particles-separation)
135	249	(solid suspended particles-separation, PVM-100)
136	250	(organic dust-filters)

### b.2.2 Water pollution measures

No.	Factory number	Target pollutants and Reduction method
1	2	(emulgators-chemical purification)
2	10	(drainage water-used for preparation of clay solutions)
3	12	(drainage water-reuse for preparation of clay solution)
4	15	(drainage water-centralized purifying station)
5	20	(wastes of chemical dye-stuff)
6	22	(fevel water-collection of fevel water)
7	25	(household waters-circulation, purification units)
8	27	(suspended particles - use of filters)
9	29	(production-use of circulating water)
10	31	(household drainage water-purification units)
11	36	(suspended particles - use of filters)
12	39	(Fe <sup>3+</sup> , Cr <sup>3</sup> , HNO <sub>3</sub> )-neutralization)
13	40	(mechanical admixture-sedimentation)
14	63	(technical drains-centralized system of neutralization)
15	68	(zinc, chrome)
16	78	(mechanical particles, HCL, H <sub>2</sub> SO <sub>4</sub> -centralized system for cleaning, neutralization)
17	80	(varnish-colour materials-centralized system for cleaning)
18	81	(suspended particles of wet type-flotation method) 6(moulding sand-not cleaned)
19	82	(technical water-chlorination, sedimentation)
20	91	(fat-fat collectors by mechanical means)
21	97	(oil products-purifying units)
22	98	(--sedimentation by mechanical means)

23	121	(acid drains-chemical-physical methods)
24	122	(inorganic dust-settler)
25	123	(industrial and household wastes-bio-purification units)
26	131	(household water-sewerage system is present)
27	140	(oil slag-purification mechanical, chemical, thermal)
28	142	(oil products, mineral admixtures-separation)
29	144	(during machines cooling-discharge of drainage water into sewerage system)
30	150	(oil products, suspended particles-refining units)
31	153	(stratal water-cycle establishment)
32	156	(household-bio-purification)
33	158	(dunnage water-reducing the volume of load water)
34	164	(aluminum, copper, other chemicals-purifiers)
35	177	(--application of purifying filters)
36	180	(--application of flotation units)
37	182	(--removal of water leaks from flange joints)
38	183	(fuel oil-profilactic work)
39	192	(filters-bacterial lamp)
40	214	(drainage water with solid particles admixture)
41	220	(dunnage water-decreasing the volume of load water)
42	221	(--neutralization)
43	230	(oil slag-separation)
44	234	(water from filters-purification units)
45	237	(dunnage water-decreasing the volume of load water)
46	238	(oil slag-separation)
47	239	(galvanic drains-sedimentation and filtration)
48	243	(automatic washing-application of purification units, recycling water)

### b.2.3 Hazardous waste treatment/disposal

No.	Factory number	Target pollutants and Reduction method
1	7	(lead)
2	10	(drilling slags)
3	88	(mercury fumes-adsorbation-AVK 160)
4	125	(lumber, metalwork-economic use of raw materials)
5	140	(hydrocarbon slag-purification by mechanical, chemical, thermal means)
6	198	(coal-extraction)
7	202	(removal by enterprise means)
8	204	(slag-removal to a dump)
9	207	(collection and removal to dump)
10	229	(vulcanization product-storage and removal)
11	239	(neutralization station)

### b.2.4 Noise and Vibration measures

No.	Factory number	Target pollutants and Reduction method
1	3	(diesel machines-earflaps)
2	8	(presses-lubrication, maintenance)
3	10	(diesel-earflaps)
4	11	(drilling aggregates-change of mats, absorbers)



5	13	(cars maintenance)
6	16	(presses-absorbitions, mats)
7	18	(compressors-vibration absorbing caps)
8	20	(spinning technological line - sound absorber units)
9	23	(presses and machines - technology progressing)
10	38	(sound-proof walls)
11	50	(equipment reconstruction)
12	85	(machines - windows sealing)
13	87	(bridge cranes-maintenance)
14	89	(vibration tables-change of absorbers, lubrication)
15	90	(--windows sealing)
16	98	(--hermetization)
17	103	(vibration tables-usage of vibrational shoes)
18	104	(guillotine scissors,machines-lubrication, maintenance)
19	105	(transport-maintenance)
20	106	(vibration tables-usage of vibration shoes)
21	107	(technological equipment- timely reveal and removal of extra tolerable numbers)
22	121	(press-sound-proof cabins)
23	124	(looms-noise-absorber, cotton and others)
24	129	(sewing machines-windows sealing)
25	131	(carpenter desk-sealing of windows and spaces)
26	147	(noise-insulation wall)
27	168	(--ventilation system, timely maintenance)
28	175	(aggregates-application ISZ (headflaps)
29	182	(--application of noise absorber (VAZ-100)
30	186	(compressors, DGA-application of silencer system)
31	187	(machines-application of individual means)
32	191	(electric motors-application of pads)
33	202	(systematic care)
34	203	(scheduled check-up for aircrafts)
35	204	(vibration and noise of machines-systematic care)
36	207	(machine park-scheduled technical care)
37	208	(machines- individual protection means)
38	216	Equipment (absent)
39	218	(noise-scheduled control)
40	232	(ventilation unit-shock-absorbers)
41	239	(machines - shock-absorbers - silencers)
42	241	(machines- raw rubber shock-absorbers)
43	247	(sewing machines- raw rubber shock-abosrbers)

#### b.2.5 Offensive odor measures

No.	Factory number	Target pollutants and Reduction method
1	1	welding fumes-suction ventilation
2	10	(drilling pollution)
3	15	(fish-technology progressing)
4	41	(technology enhancement)
5	88	(butyl acetate-observance of technical norms, ventilation)
6	90	(--filtration)

7	92	(glue -suction ventilation)
8	94	(ovens for casting-suction ventilation)
9	95	(ovens for casting-suction ventilation)
10	96	(ovens for casting-retractive ventilation)
11	98	(ovens-suction ventilation)
12	99	(slags-technology progression)
13	112	(quenching of ready production-quick cooling and ventilation)
14	114	(oven-ventilation unit)
15	121	(board-etching – respirators)
16	131	(welding works –ventilation)
17	229	(H <sub>2</sub> S (vulcanization-none)

### b.2.6 Soil pollution measures

No.	Factory number	Target pollutants and Reduction method
1	51	(hydrocarbons-reducing consumption level)
2	97	(oil products leaking-collection and utilization)
3	197	(oil pollution-timely control)
4	203	(oil products-collection into specific reservoirs)
5	218	(oil and oil remainders)
6	243	(household rubbish-recultivation)

### b.2.7 Other measures

No.	Factory number	Target pollutants and Reduction method
1	5	(none)
2	6	(no pollution)
3	32	(no pollution)
4	33	(smoke gases-application of adsorbents)
5	44	(change of technically old equipment)
6	53	(enterprise not working)
7	54	(hazardous printing house workshop liquidated)
8	55	(not working)
9	58	(removal from the workshop territory)
10	59	(no pollution)
11	65	(solid stuff-left on the territory)
12	70	(solid wastes-no cleaning)
13	74	(solid wastes-secondary use)
14	77	(solid wastes, slag-none)
15	82	(slag-selling)
16	84	(solid wastes-sent to recycle)
17	113	(solid wastes-more rational use of sheet)
18	115	(ecologically pure production)
19	116	(no significant problems)
20	117	(planting)
21	118	(no significant wastes)
22	120	(planting)
23	121	(planting)
24	143	(no pollution)
25	149	(none)

26	151	(dust in mills -reuse)
27	154	(none)
28	165	(none)
29	190	(--territory planting around the enterprise)
30	199	(no pollution)
31	200	(no activity)
32	205	(no pollution)
33	206	(no pollution)
34	209	(no pollution)
35	210	(no pollution)
36	212	(water-purifying units)
37	213	(no pollution - not working)
38	215	(no pollution)
39	229	(dust-filters)

**b.3 Q.3 – Others**

No.	Factory number	Answer
1	4	(no problems)
2	5	(no problems)
3	6	(no problems)
4	9	(ecologically pure production)
5	10	(no problems)
6	11	(no problems)
7	17	(no problems)
8	18	(no problems)
9	21	(no problems)
10	28	(no problems)
11	35	(no problems)
12	41	(no wastes)
13	55	(not working)
14	58	no problems
15	63	(no financing)
16	64	(none)
17	65	(no territory for wastes burial)
18	69	(none)
19	71	(none)
20	72	(no problems)
21	73	(no problems.)
22	74	(none)
23	79	(no problems)
24	80	(no territory for wastes burial)
25	82	(no problems)
26	84	(none)
27	89	(no problems)
28	104	(no problems)
29	109	(no wastes)
30	113	(not present)
31	115	(no problems)
32	117	(using pure technology)

33	118	(no present wastes)
34	119	(no serious pollution)
35	120	(problems are being solved)
36	121	(none)
37	123	(not enough purifying systems)
38	125	(no serious problems)
39	126	(acceptance-deposition system not functioning)
40	130	(no problems)
41	138	(no problems)
42	143	(no problems)
43	144	(no problems)
44	158	(none)
45	166	(no data on wastes usage)
46	168	(no problems)
47	185	(no problems)
48	188	(no problems)
49	190	(no problems)
50	191	(no problems)
51	194	(no problems)
52	199	(no pollution)
53	200	(no activity)
54	206	(no wastes)
55	209	(no pollution)
56	210	(no pollution)
57	213	(no pollution)
58	217	(no problems)
59	220	(none)
60	222	(no pollution)
61	226	(only cars exhausts)
62	241	(no problems)
63	242	(no hazardous wastes)
64	244	(no hazardous wastes)
65	247	(by own means)
66	249	(self-financing and absence of funds)

**b.4 Q.4**

**b.4.1 Q.4.1 – Yes. (Amount of payment)**

No.	Factory number	Answer
1	2	(15000manat/year for waste water)
2	5	(80000manat/year)
3	7	(164700manat/year for wastes into atmosphere)
4	11	(5000000+895000manat/year for analysis and for wastes into atmosphere)
5	12	(658698manat/year for wastes into atmosphere, waste water, location of solid wastes)
6	13	(20000-don't know)
7	18	(1200000manat/year - defined by Ecology Committee)
8	19	(no funds)
9	23	(1300000 manat/year for observation)
10	24	(27200manat/year)

11	25	(120000manat/year for household waste water)
12	27	(25000manat/year for waste water).
13	29	(150000-for smoke wastes)
14	30	(50000-for smoke wastes)
15	32	(120000 manat/year – household waste water and drainage wastes)
16	33	(300000manat/year for smoke wastes)
17	34	(124000manat/year)
18	36	(20000manat/year for waste water)
19	39	(11040000manat/year)
20	40	(25000-for waste water)
21	42	(12500manat/year) for atmosphere, drainage, solid wastes
22	43	(55000manat/year for hazardous wastes)
23	44	(42000manat/year for drainage water and smoke gases)
24	47	(40000manat/year)
25	49	(150000manat/year)
26	54	(35000manat/year)
27	56	(15000manat/year - sawdust and filing)
28	59	(28000000manat/year(degree No. 102)
29	60	(709000manat/year-for smoke wastes and drainage water)
30	64	(750000manat/year-atmosphere wastes)
31	67	(82115manat/year)-for atmosphere wastes
32	77	(182000manat/year-atmosphere)
33	78	(443418manat/year-atmosphere and drainage water)
34	87	(2560000manat/year)
35	91	(15000manat/year-atmosphere, sulphur oxide, nitric oxide)
36	97	(40000000manat/year-damage indemnity)
37	98	(300000manat/year-dust)
38	100	(51720manat/year-carbon monoxide, nitric oxide, and manganous oxide)-for norms violation
39	105	(2000000manat/year
40	107	(nitric oxide, sulphureous anhydride, vanadium oxide, solid wastes-payment for gross wastes of hazardous stuff into atmosphere within identified limits)
41	110	(12000000manat/year) for atmosphere pollution
42	115	(150000 manat/year)-don't know
43	119	(160000manat/year-don't know)
44	120	(88000 manat/year-NO <sub>2</sub> , CO <sub>2</sub> -mandatory)
45	121	(80000 manat/year-don't know)
46	122	(120000 manat/year-don't know)
47	126	(100000 manat/year-don't know)
48	127	(300000 manat/year)
49	130	(18000000 manat/year-atmosphere)
50	133	(354200manat/year-water and atmosphere
51	137	(302000manat/year-standard payments)
52	139	(120000manat/year-for pollution)
53	141	(80000manat/year-for wastes)
54	142	(15000000 manat/year – pollution, sea basin, oil products - decree of Cabinet of Ministers)
55	146	(nitric oxide, sulphur oxide, solid wastes - payment for gross hazardous wastes within identified limits)
56	150	(800000-1000000manat/year- decree No.102

57	151	(250000manat/year-decree No.102
58	152	(90000manat/year)-for dust barytes
59	153	(3131120manat/year)-according to decrees, in case of unexpected circumstances 311
60	154	(4000000manat/year)
61	155	(75000manat/year-dust into atmosphere-according to requirements of ecology committee)
62	156	(327537manat/year)
63	157	(22000manat/year-gas and dust wastes into environment)
64	158	(42557manat/year-standard payments)
65	159	(20000manat/year-dust wastes into atmosphere)
66	160	(1000000manat/year-according to requirements of Ecology Committee)
67	161	(18000-environment (welding fume)-environment pollution
68	163	(1000000manat/year-dust wastes into atmosphere)
69	165	(5000000 manat/year)
70	168	(50000manat/year)
71	169	(67500manat/year)
72	172	(23192manat/year-wastes within limits)
73	174	(200000manat/year)
74	175	(100000manat/year -exceeding PDV
75	176	(40000manat/year)-dust within limits
76	177	(56000manat/year)
77	179	(56800manat/year)-don't know
78	180	(197677manat/year-environment pollution)
79	182	(120000manat/year)-don't know
80	183	(68000manat/year)-wastes within limits
81	184	(100000manat/year)-don't know
82	185	(1400000 manat/year)
83	187	(50000manat/year)
84	192	(20000manat/year-for smoke gases)
85	195	(40000 manat/year. Wastes within limits)
86	197	7200000
87	201	(162429manat/year-atmosphere and drainage water)
88	203	(4000000manat/year)
89	204	(46929manat/year)-atmosphere
90	208	(57000manat/year)
91	212	(5000000manat/year-decree No.102)
92	218	(500000-2000000 manat/year-decree 102)
93	220	(347376manat/year-standard payment)
94	221	(53000manat/year-atmosphere)
95	222	(20000manat/year-for exceeding of norms(SC for ecology)
96	225	(240000manat/year)-drainage water, atmosphere, environment
97	226	(50000manat/year)-air pollution NOx, SO <sub>2</sub> .
98	227	(50000manat/year)-sanitary fine
99	228	(150000manat/year)-decree No.102
100	229	(60000manat/year)-decree 102
101	230	(343812000manat/year-drainage water and atmosphere)
102	231	(300000manat/year-atmosphere and drainage water)
103	232	(62616manat/year-drainage water and hazardous wastes)
104	233	(23000manat/year-atmosphere pollution)
105	234	(600000 manat/year-decree No.102)

106	235	(1466000/3500 manat/year-drainage water/atmosphere pollution)
107	236	(65609 manat/year, 400000 manat/year,15079 manat/year-atmosphere pollution and drainage water-requirementof Baku Ecology Committe)
108	238	(4811manat/year, 1001000 manat/year)-atmosphere and lands recultivation)
109	239	(23306manat/year and 36000manat/year-drainage water and atmosphere)
110	240	(2700000 manat/year-atmosphere pollution and sewerage system)
111	241	(86155manat/year-atmosphere)
112	246	(18000 manat/year-atmosphere and water - nature pollution)
113	248	(47000/9900manat/year-drainage water/atmosphere)

**b.4.2 Q.4.2 – No. (Reasons why you do not pay.)**

No.	Factory number	Reason
1	1	(no funds)
2	3	(don't know)
3	4	(enterprise not subject to pay)
4	6	(ecologically pure enterprise)
5	8	(no funds)
6	9	(enterprise not subject to pay)
7	10	(don't know)
8	14	(no funds)
9	15	(no funds)
10	16	(don't know)
11	17	(not subject to)
12	20	(no funds)
13	21	(not subject to)
14	22	(don't know)
15	26	(enterprise not working)
16	28	(no wastes)
17	31	(no wastes)
18	35	(no hazardous influence)
19	37	(enterprise not working)
20	38	(no wastes)
21	41	(no wastes)
22	45	(no production)
23	46	(not working)
24	48	(no wastes)
25	50	(no production)
26	51	(no wastes)
27	52	(not working)
28	53	(not working)
29	55	(not working)
30	57	(no-waste production)
31	58	(no-waste production)
32	62	(no funds)
33	63	(no financing)
34	65	(no hazardous pollution)
35	66	(no financing)
36	69	(no pollution)

37	70	(no financing)
38	71	(no hazardous wastes)
39	72	(no subject)
40	73	(no subject)
41	74	(no financing)
42	75	(no financing)
43	76	(insignificant wastes)
44	79	(no pollution)
45	80	(shortage of funds)
46	81	(no financing)
47	82	(no financing)
48	84	(no financing)
49	85	(do all our best)
50	88	(no funds)
51	89	(no funds)
52	92	(no funds)
53	93	(no funds)
54	94	(no funds)
55	95	(no funds)
56	96	(no funds)
57	99	(no funds)
58	101	(no funds)
59	103	(no funds)
60	104	(no funds)
61	106	(no funds)
62	108	(no funds)
63	109	(no wastes)
64	111	(no funds)
65	114	(no position)
66	116	(shortage of funds)
67	117	(financial problems)
68	118	(no position)
69	123	(free of payments)
70	124	(no funds)
71	125	(no position and no article)
72	129	(we do all our best)
73	131	(we do all our best)
74	132	(no position)
75	134	(no pollution)
76	138	(not subject)
77	140	(wastes are not exceeding EP data)
78	143	(no problems)
79	144	(no pollution wastes to be paid for)
80	145	(no funds)
81	147	(no wastes)
82	148	(no position)
83	149	(no instructions)
84	162	(no position)
85	164	(financial failure)
86	166	(no position)



87	167	(no agreement)
88	170	(no funds)
89	171	(no funds)
90	173	(no funds)
91	178	(no funds)
92	181	(no funds)
93	186	(no need)
94	188	(no pollution)
95	189	(no wastes)
96	190	(no hazardous wastes)
97	191	(no hazardous wastes)
98	193	(no hazardous wastes)
99	194	(no)
100	196	(enterprise not working)
101	198	(no activity)
102	199	(no pollution)
103	200	(no activity)
104	202	(no pollution)
105	205	(no pollution)
106	206	(no pollution)
107	207	(no pollution)
108	209	(no pollution)
109	210	(no pollution)
110	211	(no pollution)
111	213	(no pollution)
112	215	(no pollution)
113	216	(not exceeding norms)
114	217	(not subject)
115	219	(no data)
116	223	(no hazardous wastes)

**b.5 Q.5**

**b.5.1 Q.5.1 – Yes.(Year of introduction)**

No.	Factory number	Year
1	15	(year 1998)
2	22	(year 1980)
3	23	(year 1980)
4	91	(year 1985)
5	97	(year 1998)
6	116	(year 1983)
7	117	(year 1983)
8	118	(year 1986)
9	121	(year 1986)
10	124	(year 1986)
11	132	(year 1999)
12	133	(annually)
13	134	(year 1998)
14	140	(since year 1991)
15	155	(years 1983-85)

16	161	(year 1986)
17	174	(year 1989)
18	183	(year 1993)
19	185	(year 1997)
20	187	(year 1975)
21	190	(year 1999)
22	191	(year 1996)
23	192	(year 1999)
24	197	(year 1998)
25	204	(year 1997)
26	208	(year 1999)
27	231	(year 1990)
28	245	(1995)

**b.5.2 Q.5.2 – Yes.(Proposed year of introduction)**

No.	Factory number	Year
1	3	(year 2005)
2	12	(year 2006)
3	13	(year 2002)
4	16	(year 2006)
5	19	(year 2002)
6	27	(year 2003)
7	28	(year 2001)
8	32	(year 2006)
9	33	(year 2003)
10	39	(if possible)
11	47	(year 2005)
12	57	(year 2006)
13	59	(after year 2001)
14	78	(shortage of funds, not known)
15	92	(year 2003)
16	94	(year 2005)
17	95	(year 2005)
18	96	(year 2001)
19	98	(year 2005)
20	100	(year 2005)
21	101	(year 2003)
22	125	(year 2000)
23	128	(year 2001)
24	141	(year 2005)
25	142	(year 2003)
26	144	(after reconstruction of enterprise)
27	145	(year 2002)
28	150	(after year 2001)
29	151	(after year 2000)
30	167	(year 2003)
31	176	(year 2001)
32	180	(year 2003)
33	182	(year 2001)

34	184	(year 2005)
35	198	(after year 2002)
36	201	(year 2002)
37	202	(year 2001)
38	207	(year 2002)
39	212	(year 2000)
40	219	(after year 2001)
41	229	(with financial support)
42	234	(2000-2003)
43	237	(not known)

**b.6 Q.8 – Others**

No.	Factory number	Answer
1	4	(no need)
2	5	(no need)
3	6	(no need)
4	9	(no need)
5	17	(no need)
6	18	(no problems)
7	21	(no need)
8	28	(no need)
9	35	(no need)
10	52	(no need)
11	58	(no need)
12	61	(no need)
13	69	(no need)
14	72	(no need)
15	73	(no need)
16	79	(no need)
17	80	(territory provision for dangerous stuff storage)
18	93	(no need)
19	113	(no need)
20	115	(production repair assistance required)
21	117	(assistance in orders organization required)
22	119	(no need for support)
23	121	(assistance in production repair required)
24	124	(assistance in production organization)
25	125	(no ecology problems)
26	130	(no assistance required)
27	133	(no need)
28	138	(no need)
29	143	(no need)
30	144	(investment allocation for enterprise reconstruction)
31	171	(funds for investment)
32	185	(no need)
33	188	(no need)
34	190	(no need)
35	191	(no need)
36	194	(no need)

37	196	(Provide enterprise work)
38	197	(no support)
39	205	(no pollution)
40	206	(no pollution)
41	217	(no need)
42	235	(by own means)
43	240	(by own means)

**b.7 Q.9 – Others**

No.	Factory number	Answer
1	1	(no hazardous wastes)
2	3	(no hazardous wastes)
3	4	(no hazardous wastes)
4	5	(no hazardous wastes)
5	6	(no hazardous wastes)
6	7	(handing to colour metal)
7	8	(no wastes)
8	9	(no hazardous wastes)
9	11	(no hazardous wastes)
10	12	(no hazardous wastes)
11	14	(no hazardous wastes)
12	15	(no hazardous wastes)
13	16	(no hazardous wastes)
14	17	(no hazardous wastes)
15	18	(no hazardous wastes)
16	19	(no hazardous wastes)
17	20	(no hazardous wastes)
18	21	(not producing)
19	23	(no hazardous wastes)
20	26	(production not working)
21	30	(not taking any measures)
22	32	(no wastes)
23	34	(equipment reconstruction)
24	35	(no hazardous wastes)
25	36	(no wastes)
26	37	(production not working)
27	38	(no wastes)
28	41	(no wastes)
29	46	(not working)
30	47	(not refining)
31	48	(no wastes)
32	49	(purification of waste waters)
33	51	(no wastes)
34	52	(not working)
35	53	(enterprise not working)
36	55	(not working)
37	57	(no-waste production)
38	58	(no wastes)
39	59	(no wastes)

40	62 (stays on the enterprise)
41	69 (no need)
42	70 (stays on territory)
43	72 (no hazardous wastes)
44	73 (no wastes)
45	76 (removal of solid wastes from the enterprise)
46	77 (stays on the enterprise)
47	79 (no hazardous wastes)
48	83 (no refining and removal)
49	85 (sawdust removal by enterprise means)
50	87 (no hazardous wastes)
51	88 (no hazardous wastes)
52	89 (no hazardous wastes)
53	91 (no hazardous wastes)
54	92 (no hazardous wastes)
55	95 (no hazardous wastes)
56	96 (no hazardous wastes)
57	98 (no hazardous wastes)
58	100 (berlin ashes-storage in reservoirs)
59	101 (no hazardous wastes)
60	103 (no hazardous wastes)
61	104 (no hazardous wastes)
62	105 (no hazardous wastes)
63	106 (no hazardous wastes)
64	107 (no hazardous wastes)
65	108 (no hazardous wastes)
66	109 (no wastes)
67	111 (storage without refining)
68	113 (storing on enterprise territory)
69	114 (waste gases are not caught)
70	118 (metal filings are stored on the enterprise)
71	126 (wastes are allotted and stored on the enterprise)
72	129 (not working at present)
73	132 (no wastes for today)
74	133 (routine maintenance)
75	134 (no wastes)
76	135 (hermetization of transport sleeves)
77	136 (hermetization of transport sleeves)
78	138 (no hazardous wastes)
79	143 (removal of household wastes)
80	145 (no pollution)
81	146 (no hazardous wastes)
82	147 (no wastes)
83	151 (no-wastes production)
84	153 (doing nothing)
85	155 (doing nothing)
86	162 (no wastes)
87	163 (not removing, storing on enterprise territory)
88	166 (wastes are stored on enterprise)
89	168 (no hazardous wastes)

90	169	(no wastes)
91	170	(storage without refining)
92	171	(storage without refining)
93	173	(storage without refining)
94	185	(no hazardous wastes)
95	188	(no hazardous wastes)
96	189	(no wastes)
97	196	(not producing because not working)
98	199	(no hazardous wastes)
99	200	(no activity)
100	205	(no pollution)
101	206	(no hazardous wastes)
102	209	(no pollution)
103	211	(no pollution)
104	213	(no activity)
105	217	(no hazardous wastes)
106	222	(absent)
107	223	(no wastes)
108	224	(no hazardous wastes)
109	226	(cars exhausts)
110	227	(no wastes at present)
111	235	(no hazardous wastes)
112	236	(no hazardous wastes)
113	238	(no hazardous wastes)
114	240	(no hazardous wastes)
115	241	(no hazardous wastes)
116	242	(no hazardous wastes)
117	244	(no hazardous wastes)
118	245	(no hazardous wastes)
119	246	(no hazardous wastes)
120	247	(no hazardous wastes)
121	248	(no hazardous wastes)
122	249	(no hazardous wastes)

**b.8 Q.10 – Others**

No.	Factory number	Answer
1	1	(no hazardous wastes)
2	3	(no hazardous wastes)
3	4	(no plans)
4	5	(no hazardous wastes)
5	6	(no hazardous wastes)
6	7	(handing to colour metal)
7	8	(no hazardous wastes)
8	9	(no hazardous wastes)
9	11	(no hazardous wastes)
10	12	(no hazardous wastes)
11	14	(no hazardous wastes)
12	15	(no hazardous wastes)
13	16	(no hazardous wastes)

14	17	(no hazardous wastes)
15	18	(no hazardous wastes)
16	19	(no hazardous wastes)
17	20	(no hazardous wastes)
18	21	(not planning)
19	23	(no hazardous wastes)
20	26	(enterprise not working)
21	32	(no wastes)
22	34	(equipment reconstruction)
23	35	(no hazardous wastes)
24	36	(no wastes)
25	37	(enterprise not working)
26	38	(no wastes)
27	41	(no wastes)
28	47	(if we work)
29	48	(no wastes)
30	49	(Baku sewerage)
31	51	(no wastes)
32	52	(not working)
33	53	(enterprise not working)
34	55	(not working)
35	57	(no-waste enterprise)
36	58	(not planning)
37	59	(no wastes)
38	62	(wastes removal plan to "Vtorchermet")
39	63	(no plans)
40	69	(no plans)
41	70	(territory for solid wastes burial allocation by government)
42	72	(no hazardous wastes)
43	73	(no wastes)
44	77	(no plans)
45	79	(no hazardous wastes)
46	87	(no hazardous wastes)
47	88	(no hazardous wastes)
48	89	(no hazardous wastes)
49	91	(no hazardous wastes)
50	92	(no hazardous wastes)
51	95	(no hazardous wastes)
52	96	(no hazardous wastes)
53	98	(no hazardous wastes)
54	100	no plans
55	101	(no hazardous wastes)
56	103	(no hazardous wastes)
57	104	(no hazardous wastes)
58	105	(no hazardous wastes)
59	106	(no hazardous wastes)
60	107	(no plans)
61	108	(no hazardous wastes)
62	109	(no plans)
63	123	(introduction of progressive cleaning methods)

64	126	(only wastes gathering is planned)
65	133	(used equipment quality improvement)
66	134	(no hazardous wastes)
67	135	(hermetization is being done)
68	136	(hermetization is being done)
69	138	(no hazardous wastes)
70	145	(no pollution)
71	146	(planning to deposit wasted oil used for tools lubrication)
72	147	(no wastes)
73	151	(no-wastes production)
74	162	no plans
75	163	no plans
76	168	no plans
77	169	no plans
78	170	(if other organizations charge with wastes refining)
79	171	(if other organizations charge with wastes refining)
80	173	(if other organizations charge with wastes refining)
81	185	(no hazardous wastes)
82	188	(no hazardous wastes)
83	196	no plans
84	199	(no hazardous wastes)
85	200	(no activity)
86	205	(no pollution)
87	206	(no hazardous wastes)
88	209	(no pollution)
89	211	(no pollution)
90	217	(no plans)
91	222	(no hazardous wastes)
92	223	no plans
93	224	(no hazardous wastes)
94	226	(exhausts)
95	227	no plans
96	235	(no hazardous wastes)
97	236	no plans
98	238	no plans
99	240	(no hazardous wastes)
100	241	(no hazardous wastes)
101	242	(no hazardous wastes)
102	244	(no hazardous wastes)
103	245	(no hazardous wastes)
104	246	(no hazardous wastes)
105	247	(no hazardous wastes)
106	248	(no hazardous wastes)
107	249	(no hazardous wastes)

**b.9 Q.11 – Kinds of HWs and Annual generation amount**

No.	Factory number	1		2		3	
		Type	ton/year	Type	ton/year	Type	ton/year
1	13	1(lubricants)	0.2				
2	22	1(waste water)	2,900				



3	25	1(household solid)	12	2(household waste water)	12,000	3(wasted oil)	2
4	29	1(smoke gases)	23,000	2(household waste water)	570		
5	30	1(smoke gases)	135	2(waste water)	360	3(household wastes)	0.9
6	31	1(household)	12				
7	32	1(household solid)	15	2(household waste water)	1,440		
8	33	1(smoke gases)	12,917	2(waste water)	192,000	3(solid wastes)	397,081
9	34	1(household solid)	30				
10	36	1(household waste water)	720	2(household)	2		
11	37	1(household)	4				
12	42	1(smoke gases)	1.86	2(waste water)	74,900	3(others)	500
13	44	1(waste water)	28,200	2(smoke gases)	3,481		
14	46	7ton/year					
15	47	1(metal)	1.5				
16	48	1(pulp)	2	2(household waste water)	1.2		
17	49	1(waste water)	25,000				
18	50	1(household)	30	2(household waste water)	2,400		
19	51	1(household)	1,440	2(scrap metal)	80		
20	54	1(pulp)	14	2(household waste water)	600		
21	56	1(sawdust)	2.9				
22	58	1(broken glass)	0.35				
23	65	1(scrap metal)	don't know				
24	76	1(solid wastes)					
25	86	1(engine oil)	1				
26	102	1(rubbish production)	120				
27	113	1(steel sheets)	0.15				
28	115	1(metal filing)	4				
29	116	1(glass)	0.2				
30	119	1(slag)	6				
31	125	1(lumber)	0.5	2(waste metal)	0.7		
32	127	1(oil)	1				
33	130	1(wasted oil)	9	2(ferrous metal)	15		
34	143	1(household rubbish)	584				
35	148	1(slag)	10				
36	149	1(stratum waters)	25,000				
37	154	1(metal filing)	12				
38	157	1(metal filing)	10				
39	158	1(technical water)	12,000				
40	160	1(solid wastes)					
41	161	1(metal filing)	14				
42	164	1(slag)	10				
43	165	1(metal filing)					
44	170	1(wasted oil)	0.46				
45	171	1(wasted oil)					
46	176	1(dust)	5.19				
47	190	1(polyethylene)	1.35	2(cardboard, paper)	0.2	3(nyron)	0.4
48	191	1(wasted caustic soda)	37,520				
49	220	1(technical water)	20,000				
50	237	1(technical water)	37,000				
51	239	1(paints)	0.3	2(chemical reagents)	0.2		

52	243	1(accumulator plates)				
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### 3.3.3 Environmental Passport of Each Factory

A list of factories that have environmental passport is presented in the table below, followed by a summary table of the environmental passport of each factory. In the table A #288 is correspondent with a list of factories that have environmental passport. B #755 is correspondent with all enterprises in the study area and C # 250 is factories that have been surveyed.

List of 288 factories

A #288	B #775	C #250	Name of the Factory	Category	Type of activity	District
1	1	238	NGDU named after H.Z. Tagiev	1	Oil extraction	Azizbekov
2	2	197	NGDU "Binagadineft"	1	Oil extraction	Binagadi
3	3	148	Marine control of exploration drilling "Bulla"	8	Oil extraction	Garadag
4	4	149	NGDU "Bulla-more"	1	Oil extraction	Garadag
5	5	153	NGDU named after A. Amirov	1	Oil extraction	Garadag
6	6	12	NGDU "Bibi-Heybatneft"	1	Oil extraction	Sabail
7	7	218	Absheron management of drill works.	8	Oil extraction	Sabunchi
8	8	212	NGDU "Balakhanineft"	1	Oil extraction	Sabunchi
9	9	226	Management of increase of output of oil pool	1	Oil extraction	Surakhani
10	10	230	NGDU "Surakhanineft"	1	Oil extraction	Surakhani
11	12		"Gasani IK"	2	Limestone	Garadag
12	13		"Gyunel Gizil Gaya" company	2	Limestone	Garadag
13	14		"Omega" company	2	Limestone	Garadag
14	15		"Shafag: company	2	Limestone	Garadag
15	16	166	Construction materials factory "Korkez"	9	Production of limestone	Garadag
16	18	159	Construction materials factory "Kuzdek"	9	Production of limestone	Garadag
17	19	163	Construction materials factory "Vulkan"	9	Production of limestone	Garadag
18	20	160	Construction materials factory named after M.Nazarova	9	Production of limestone	Garadag
19	22		Quarry of NGDU "28th of May"	2	Quarrying	Garadag
20	23		"Ramin-A" association	2	Stone workshop	Nizami
21	25		"Dostulli"	2	Stone workshop.	Sabunchi
22	27	216	Quarry "Mayak"	9	Quarrying	Sabunchi
23	28	142	"Azerneftiyag"	3	Oil refining	Khatai
24	29		"Memarlig"	3	Petroleum tank	Narimanov
25	30	140	Joint Venture "Azeko"	3	Oil refining	Khatai
26	31	97	"Azerneftyanajag"	3	Oil refining	Nizami
27	32	234	"Severnaya" State Hydro-Power Station (SHPS)	4	Production of the electric power	Azizbekov
28	33	167	CEN (central electrical network)	4	Distribution of the electric power	Binagadi
29	34	156	Management of electrical energy	5	Distribution of the electric power	Garadag
30	35	107	HPP 1 2	4	Production of the electric power	Nizami
31	37	237	"Magistralniye nefteprovodi", "Dubendi" oil refinery station	5	Transportation of oil	Azizbekov
32	38	158	"Magistralniye nefteprovodi", "Puti" oil refinery station	5	Transportation of oil	Garadag
33	39	150	The Azerbaijan factory on processing gas	5	Processing of gas	Garadag
34	40	133	Azergazproduction transport enterprise	5	Transportation of oil	Khatai

35	41	137	Bakneft Base	4	Transportation of oil	Khatai
36	42	146	Heat and Power Plant (HPP) named after Bayramzade	5	Production of the electric power	Khatai
37	43	145	Thermal networks and waterheating boilers	5	Heat supply	Khatai
38	44	220	"Magistralniye nefteprovodi", "Surakhani" oil refinery station	5	Transportation of oil	Surakhani
39	46	151	Gypsum factory	6	Production of a gypsum	Garadag
40	47	135	"Arzu" commercial company	6	Production of cement	Khatai
41	48		"Bisoi-Â"	6	Cement trade	Khatai
42	50		"Khazar-İ" company	6	Cement trade	Khatai
43	52	136	"Ulduz" commercial company	6	Production of cement	Khatai
44	54		"Bilfa" LTD	7	Production of paintwork material	Binagadi
45	57	116	The Baku pharmaceutical factory	7	Production of drugs	Khatai
46	60		"Tugay" company	7	Fusion of aluminium	Narimanov
47	65		"Ecopolysintez"	7	Production of petroleum	Sabunchi
48	66		"Garanfil-97" company	7	Production of paintwork material	Nizami
49	67		"Yapi San inshaat ve agaj uruileri" LTD	7	Production of paintwork material	Sabunchi
50	68	198	The Baku Iodine Factory	7	Obtaining of iodine	Sabunchi
51	69	25	"Azon"	7	Production of oxygen and nitrogen	Yasamal
52	71	248	Baku plant for refining of non-ferrous metals	8	Production of hardwares	Azizbekov
53	72	249	Factory of oil-gas-field equipment	8	Production of the petroleum equipment	Azizbekov
54	73	246	Gala machine-building factory	8	Production of the petroleum equipment	Azizbekov
55	74	242	Gazoapparat	8	Production of the equipment	Azizbekov
56	75	241	Test-experimental "Dortecnica" plant	8	Production of the equipment	Azizbekov
57	76	244	The Baku aluminium rolling factory	8	Production of the petroleum equipment	Azizbekov
58	77	245	The Baku factory of electrical machines.	8	Production of electric motors	Azizbekov
59	78	239	The Baku factory of electroautomatic devices.	8	Production of electrical items	Azizbekov
60	81	172	"Prompribor"	8	Production of electroitems	Binagadi
61	83	187	Experimental plant for Space units construction	8	Production of the space equipment	Binagadi
62	84	195	Machine-building factory named after B.Sardarov	8	Production of the petroleum equipment	Binagadi
63	90	155	Welding-building industrial centre	8	Production	Garadag
64	92	121	"Radiostroyeniye"	8	Production of the radiogoods	Khatai
65	93	127	BAKNEFTEPROMMASH	9	Production of the equipment	Khatai
66	95		MAKHMUD TOPCHU CO	8	Production of electro-insulators	Khatai
67	97	80	"Azelektromash"	8	Engineering industry	Narimanov
68	98	64	"Azelektroterm"	8	Production of electrical devices	Narimanov
69	99	78	"Bakconditioner"	8	Production of air-conditioners	Narimanov

70	100	66	"Bakmil"	8	Production of electrical devices	Narimanov
71	101	70	"Ulduz"	8	Production of refrigerators	Narimanov
72	103	75	Factory of "Chinar" refrigerators	8	Production of refrigerators	Narimanov
73	104	69	Factory of steel ropes	8	Production of steel ropes	Narimanov
74	105	68	Factory of the high-voltage equipment.	8	Engineering industry	Narimanov
75	106	110	Machine-building factory named after Sattarkhan	8	Production of the petroleum equipment	Narimanov
76	108	77	Pilot mechanic-casting factory	8	Production of hardwares	Narimanov
77	109	81	The Baku Factory "Elektrocentrolit"	8	Engineering industry	Narimanov
78	110	82	The Baku factory of household devices.	8	Production of the consumer goods	Narimanov
79	112	63	The Baku tyre factory	8	Production of tyres	Narimanov
80	113	47	"SAF" small production enterprise	8	Production of the equipment	Nasimi
81	114		"Birlik"	8	Production of the consumer goods	Nizami
82	115	93	"EVM"	15	Production of computers	Nizami
83	117	94	Keshly machine-building factory	8	Engineering industry	Nizami
84	118	95	Machine-building factory named after Musabekov	8	Production of the petroleum equipment	Nizami
85	121	19	"SAF" independent production company	8	Production of check-out instruments	Sabail
86	122	22	Complex marine geology-exploration dept.	8	The equipment for oil extraction	Sabail
87	123	1	Machine-building factory "28 May"	8	Production of the petroleum equipment	Sabail
88	124	8	Machine-building factory of trust "Caspmoreftbur"	8	Production of the petroleum equipment	Sabail
89	125	14	Sabail machine-building factory	8	Production of the petroleum equipment	Sabail
90	126	10	Sea Department for drilling exploration "Bail Limani" off-shore DNG	8	The equipment for oil extraction	Sabail
91	127	204	"Azneftimash" machinery plant	8	Production of hardwares	Sabunchi
92	130	219	Balakhani Machine-building factory	8	Production of the petroleum equipment	Sabunchi
93	131	207	BMGZ	8	Production of the equipment	Sabunchi
94	133	208	Machine-building factory "Bakinskiy rabochiy"	8	Production of the petroleum equipment	Sabunchi
95	135	213	Test-experimental plant named after Musabekov	8	Production of the equipment	Sabunchi
96	137	201	The Baku machine-building factory "Neftgasmash"	8	Production of the petroleum equipment	Sabunchi
97	138	202	Zabrat machine-building factory	8	Production of the petroleum equipment	Sabunchi
98	140	222	Baku machinery plant for production of oil-refining equipment	8	Production of the equipment	Surakhani
99	141	227	Baku plant for oil-exploration devices	8	Production of the equipment	Surakhani
100	142	225	Exp. enterp. for production and repair of immersible devises	8	Production of the equipment	Surakhani
101	144	231	Surakhani machine-building factory	8	Production of the petroleum equipment	Surakhani

102	145	232	The Baku factory of dry-type transformers	8	Transmission of the electric power	Surakhani
103	146	229	The Baku factory of mechanical rubber products	8	Production of rubber	Surakhani
104	148	31	"Iskra"	8	Production of electric equipment	Yasamal
105	150	177	Asphalt-concrete factory	9	Production of asphalt	Binagadi
106	151	184	Combinate for r/w constructions	9	Production of railway constructions	Binagadi
107	153	196	House construction combinate <sup>1</sup> 1	9	Production of building materials	Binagadi
108	154	174	House construction combinate <sup>1</sup> 2	9	Production of building materials	Binagadi
109	155	178	House construction combinate <sup>1</sup> 3	9	Production of building materials	Binagadi
110	158	176	JB1-6	9	Production from concrete	Binagadi
111	162	181	Reinforced concrete products factory <sup>18</sup>	9	Production of concrete items	Binagadi
112	163	165	"ELIT TATIRIM VE TICARET LTD.STI	9	Production of aluminium items	Garadag
113	165	157	Factory of the deep-water bases	9	Production of steelworks	Garadag
114	166	152	Fillers Factory	9	Production of cement items	Garadag
115	168	119	"BAK-PIM" Enterprise for production of aluminum profiles	9	Production of aluminium structures	Khatai
116	169		"Contex"	9	Metal structures	Khatai
117	170		"Granit"	9	Facing stones	Khatai
118	172	141	"Miskar" JV	9	Production of aluminium items	Khatai
119	173	122	"Mramor" JS	9	Production of items from marble	Khatai
120	182	120	Reinforced concrete constructions plant	9	Production of concrete items	Khatai
121	183	132	Stratdetal plant	9	Production from concrete	Khatai
122	185		"Bakipen" JV	9	Production of aluminium windows and doors	Narimanov
123	186		"ESKO"	9	Shop on production of concrete and processing of tree	Narimanov
124	187		"Gyunel-Pen" JV	9	Shop on production of doors and windows	Narimanov
125	189		"Penopen" JV	9	Production of aluminium windows and doors	Narimanov
126	190		"Taleh-ÄÖ" enterprise	9	Asphalt production shop	Narimanov
127	191		"Vusal-T"Construction enterprise	9	Asphalt production shop	Narimanov
128	192		"Yadigar" company	9	Production of facing plates	Narimanov
129	197	101	Reinforced concrete plant <sup>17</sup>	9	Production of concrete items	Narimanov
130	199		"Alim-96" company	9	Marble	Nasimi
131	205	103	"Aztunelmetrostroy" JBK	9	Production of concrete items	Nizami
132	206		Consumer services enterprise	9	Hardware	Nizami
133	207	98	Factory for production of roofing slate and asbestos-cement products	14	Production of slate	Nizami
134	213	27	MAGNAT (Azerbaijan-Turkey)	9	Production of facing	Sabail

					materials	
135	216		"Globus" enterprise	9	Production of aluminium windows and doors	Sabunchi
136	217		"Gyunel"	9	Asphalt production shop	Sabunchi
137	218		"Nar Holding"	9	Aluminium doors, window	Sabunchi
138	219		"Shusha"	9	Production of aluminium windows and doors	Sabunchi
139	224		Baku complex on building materials	9	Production of building materials	Surakhani
140	225	228	Brick plant	9	Production of brick	Surakhani
141	226		"Agroservice" company	9	Production of facing plates	Yasamal
142	228	26	"Gorodostroyeniye" department	9	Production of building materials	Yasamal
143	231	235	"Mardakan-bread" JS	10	Production of bakery products	Azizbekov
144	234		Bakery factory <sup>1</sup> 2	10	Production of a flour	Azizbekov
145	236	240	Macaroni factory	10	Production of bakery products	Azizbekov
146	237	190	"PEPSI COLA Azerbaijan"	10	Production of cooling drinks	Binagadi
147	247		Association "Farhad-SS"	10	Sausage shop	Garadag
148	248	128	"Araz" OOOT	10	Production of bakery products	Khatai
149	249		"Sahil LTD" company	10	Production of cooling drinks	Khatai
150	250		"Sevil"	10	Limonade shop	Khatai
151	252		"Zamig"	10	Production of sausages	Khatai
152	253	114	Bakery factory <sup>1</sup> 6	10	Production of bakery products	Khatai
153	257	138	MEDIC-PRO-LTD	10	Technology of production of dairy products	Khatai
154	261	71	"Arzu" JS	10	Production of bakery products	Narimanov
155	262		"AVM" Sausage shop of firm	10	Sausage shop	Narimanov
156	263		"Gyunel-3"	10	Shop on production of soft drinks	Narimanov
157	264		"Universal-S" company	10	Sausage shop	Narimanov
158	265		AOAP "Meat products"	10	Sausage shop	Narimanov
159	272	83	Baku winemaking plant <sup>1</sup> 2	10	Production of wine	Narimanov
160	280	49	"Aysberg" JSC	10	Production of the equipment for manufacturing of ice-cream	Nasimi
161	281	44	"Goyazen" JS	10	Production of bakery products	Nasimi
162	288		Azerbaijan-Amerika JV	10	Grain products	Nasimi
163	291	55	Baku tea factory	10	Production of tea	Nasimi
164	295	41	Fish-smoking factory	10	Production of smoking fish	Nasimi
165	313	185	SHOLLAR BOTTLING COMPANY	10	Production of drinks	Nasimi
166	314	192	TADJ	10	Production and sale of water	Nasimi
167	319		"Progress-DU"	10	Bread production	Narimanov
168	320		"Azad" company	10	Grinding mill	Nizami

169	321	91	"Baku-Meat" JS	10	Production of meat items	Nizami
170	324	100	Baku winemaking plant <sup>1</sup> 1	10	Production of wine	Nizami
171	342	24	Corporation "Azerbaijan Dairy Products"	10	Production of dairy products	Sabail
172	352	15	Sabail fish-smoking factory	10	Production of smoking fish	Sabail
173	361		"Araz-96"	10	Production of bread	Sabunchi
174	362	211	"Bakihanov-bread" JS	10	Production of bakery products	Sabunchi
175	363		"Serin-service"	10	Production of ice-cream	Sabunchi
176	364		"Star Nıttın" JV Azerbaijan-Turkey	10	Production of bread	Sabunchi
177	366	210	Baku vodka distillery <sup>1</sup> 4	10	Vodka production	Sabunchi
178	369	34	"Mugan" JS	10	Production of bakery products	Yasamal
179	370	30	"Ruzi" company	10	Production of bakery products	Yasamal
180	371	29	"Ruzi" JS	10	Production of bakery products	Yasamal
181	372	36	ANADOLU CHEREYI	10	Production of bakery products	Yasamal
182	391	124	The Baku knitting mill named after H.Z. Tagiev	11	Production of knitted items	Khatai
183	399	59	"Bakikhanov tikish" JSC	11	Production of the outer clothing	Nasimi
184	400	60	"Idman"	11	Production of sportswear	Nasimi
185	401		"Lyatif" company	11	Production of carpets	Nasimi
186	402	45	"Trikotaj" JSC	11	Production of knitted items	Nasimi
187	404	37	Cotton wool Factory	7	Production of cotton	Nasimi
188	411	20	"Azer Halcha"	11	Production of carpets	Sabail
189	414		"Ulviya-À" company	11	Socks production shop	Sabunchi
190	416	199	Notions knitting factory named after Narimanov	11	Production of knitted items	Sabunchi
191	419	32	"Bakitikish" OTJS	11	Production of knitted items	Yasamal
192	423		NEHIR LTD CO (Turkey)	12	Production of furniture	Binagadi
193	427		"Zodchiy Ragim" association	12	Woodworking	Khatai
194	428		Natural person	12	Building materials	Nasimi
195	429	46	Baku furniture factory <sup>1</sup> 1	12	Production of furniture	Nasimi
196	430	56	DEBOS CO LTD	12	Production of the furniture	Nasimi
197	431		"Emin" company	12	Woodworking	Nizami
198	435	85	INTERIOR DESIGN	12	Production of furniture	Nizami
199	438	28	GASANOGLU	12	Production of the furniture	Yasamal
200	444	92	Shoe factory <sup>1</sup> 2	13	Production of footwear	Nizami
201	446	233	Leather Joint Stock	13	Production of footwear	Surakhani
202	449	48	"Gizil Sherg" printing house	14	Polygraphic activities	Nasimi
203	450	54	Printing house <sup>1</sup> 3	14	Polygraphic activities	Nasimi
204	451		The "Azpolygraphremont" rent enterprise	14	Polygraphy	Nasimi
205	453	33	"Azerbaijan" printing house	14	Polygraphic activities	Yasamal
206	456		"Azerik" association	15	Plastic ware	Khatai
207	458	62	The Baku factory "Elektroshtamp"	15	Production of electroparts	Narimanov
208	459	53	JSC "Hadiyalar"	15	Production of the consumer goods	Nasimi

209	460	50	JSC "Minaligablar"	15	Production of the enamelled ware	Nasimi
210	463	88	"Azelektroishig"	15	Production of lamps	Nizami
211	467	39	"Yuvelirprom"	15	Production of jeweller items	Yasamal
212	468	243	Bus column 12106 of Baku city transport department	16	Service of machines	Azizbekov
213	469		"Babek"	16	Auto maintenance	Binagadi
214	470		Aquapolis LTD	16	Auto maintenance	Binagadi
215	471		Fortuna IMEX	16	Auto maintenance	Binagadi
216	472		Kamala	16	Auto maintenance	Binagadi
217	473		Khazar Construction-tourism organization	16	Auto maintenance	Binagadi
218	474		Lada technical service station	16	Auto maintenance	Binagadi
219	475		Moskvich technical service station	16	Auto maintenance	Binagadi
220	480		"Ariana" company	16	Auto maintenance	Khatai
221	481		"Hidmet-2"	16	Auto maintenance	Khatai
222	482		"Karabaglar"	16	Auto maintenance	Khatai
223	483		"Nazrin"	16	Auto maintenance	Khatai
224	484		"Ramin" MP	16	Auto maintenance	Khatai
225	485		Baku MTT	16	Service of machines	Khatai
226	486	126	The "Transcaucasian Federation" dock	16	Maintenance of ships	Khatai
227	487	118	The Baku Automobile Factory	16	Auto maintenance	Khatai
228	488		VAZ	16	Auto maintenance	Khatai
229	489		"Miraj" company	16	Auto maintenance	Narimanov
230	490		"Sabail-94" company	16	Auto maintenance	Narimanov
231	492		Avto Independent SE	16	Auto maintenance	Narimanov
232	493		Azer ISETLI	16	Auto maintenance	Narimanov
233	494		"FS" ÀÒÑ	16	Auto maintenance	Narimanov
234	495		Garagaya Association	16	Auto maintenance	Narimanov
235	496		MMS Azerb. England	16	Auto maintenance	Narimanov
236	497		Natural person	16	Auto maintenance	Narimanov
237	498		VIS-TUR-VIS	16	Auto maintenance	Narimanov
238	499		"Dostlug" cooperation	16	Auto maintenance	Nasimi
239	500		"Ithas motors" company	16	Auto maintenance	Nasimi
240	501		"Improtex-Motor" MMM	16	Auto maintenance	Nasimi
241	502		"Kainat" company	16	Auto maintenance	Nasimi
242	503		Azer. Household repair	16	Household repair	Nasimi
243	504		Eldorado-A.A.	16	Auto maintenance	Nasimi
244	505	51	Mechanized department of road repair construction	16	Transport services	Nasimi
245	506		Natural person	16	Auto maintenance	Nasimi
246	507		"Azerservice-1"	16	Auto maintenance	Nizami
247	509		"Bodrost"	16	Maintenance	Nizami
248	510		"Elshan"	16	Auto maintenance	Nizami
249	511		"Illadge" MMO	16	Auto maintenance	Nizami
250	512		"Kavkaz Motors" company	16	Auto maintenance	Nizami
251	513		"Mahir" company	16	Auto maintenance	Nizami
252	514		"Turadge"	16	Auto maintenance	Nizami
253	515		"Ulduz"	16	Auto maintenance	Nizami
254	516		"Ulvi" PKF	16	Auto maintenance	Nizami
255	517	23	Ship repair and ship-building factory named after I. Allahverdiev	16	Repair and maintenance of ships	Sabail
256	519	16	The "Khazarneftdonanma" dock	16	Repair and maintenance of ships	Sabail



257	520	18	The "Parisian Kommuna" dock	8	Repair and maintenance of ships	Sabail
258	521		Araba Small state service enterprise	16	Auto maintenance	Sabunchi
259	522		"Araz" company	16	Auto maintenance	Yasamal
260	523		"Garib" SE	16	Auto maintenance	Yasamal
261	524		Lada cooperative	16	Auto maintenance	Yasamal
262	525	236	Bina airport	17	Airservices	Azizbekov
263	526		Ram Auto LTD	17	Auto maintenance	Yasamal
264	529	194	"Contour" APPP	17	Repair and service	Binagadi
265	533	169	Baladjari distance of civil constructions	17	Repair and service	Binagadi
266	535	180	Baladjari locomotive depot	17	Repair and service	Binagadi
267	536	183	Baladjari steaming station	17	Repair and service	Binagadi
268	537	182	Baladjari wagon depot	17	Repair and service	Binagadi
269	550	61	Kishli wagon depot	17	Repair and service	Binagadi
270	560		Autogasservice" association	17	Gas refueling	Garadag
271	563		CM-1 (construction management)	9	Construction	Garadag
272	577	143	"Azenergoremnaladka" named S.I.Latifov	17	Repair and fixing of electric equipment	Khatai
273	578	123	"Bakkanalizatsiya" PE	17	Services to the population	Khatai
274	579		"Karavan-L" company	17	Dyeing production	Khatai
275	590	144	The production-repair enterprises	17	Repair services	Khatai
276	598	65	"Narimanov" electric depot	17	Service of carriages	Narimanov
277	623		"Gey-Gel"	17	Metal activities	Nasimi
278	624	52	"Prachechnaya" PE	17	Washing	Nasimi
279	633	43	Baku wagon depot	17	Repair and service	Nasimi
280	634	42	Baku wagon repair factory	17	Repair and service	Nasimi
281	644		IMPERO-ACO (Azerbaijan-Turkey)	17	Delivery	Nasimi
282	672		"Fidan" LTD (private bus enterprise)	17	Transport services	Nizami
283	682	2	"Borchali"	17	Dry-cleaners	Sabail
284	694		AZFEN (Azerbaijan - Turkey)	17	Construction	Sabail
285	699	7	Bibi-Heybat technological transport management	16	Transport services	Sabail
286	705	11	Department of Drilling Exploration from floating units DNG off-shore	17	Service of the buoyant installations	Sabail
287	751	203	Zabrat "Azalaero"	17	Airservices	Sabunchi
288	758	40	"Igrar" company	17	Services to the population	Yasamal