

Instructor Training Bandung (ITI)

Practice - Theory - Ratio

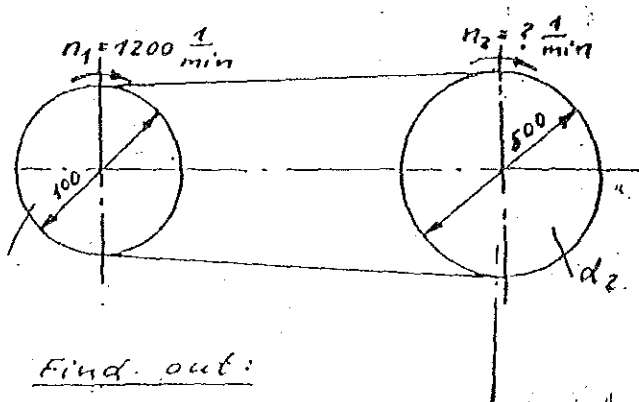
	Hours per week		in percent	
	practice	theory	practice	theory
Related Technology Theory Applied Mathematic Technical Drawing	-	$\left. \begin{array}{l} 2 \\ 2 \\ 2 \end{array} \right\} 6$	-	15
General Subject	-	2	-	5
Didactics Methodics	4	4	10	10
Workshop instructions + exercises	24	-	60	-
Sum	28	12	70	30
Total	40		100	

July 86

Mechanics

Referring to the drawing of the already known joint-fork we assume, that this workpiece is produced out of a cold-drawn steelbar 85×90 mm of 6 m total length.

Now, how many raw-workpieces with a length of 50 mm can be cut down by sawing if the sawing-blade has a thickness of 2,6 mm?



The shown simple belt-drive consists of two pulleys (d_1 and d_2). Both are connected by a flat belt. The pulley d_1 is driven by $n_1 = 1200$ R.P.M. ($= \frac{1}{\text{min}}$).

Find out:

a) the nos. of rotation per minute n_2 !

b) the transmission-ratio of this belt-drive!

Referring to the sketch of the already known joint-fork we assume, that this workpiece is produced out of a cold drawn steel bar $75 \times 90 \text{ mm}$ of 6 m total-length.

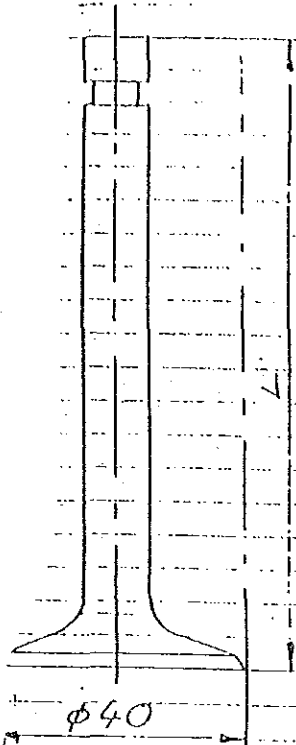
How many raw workpieces of a length of 50 mm can be cut down by sawing if the sawing-blade has a thickness of 2,6 mm?

Normally contains a bottle for oxygen only 40 L by a pressure of (1) one bar.

2.1. How many liters oxygen contains this bottle if the pressure amounts 750 bar?

2.2. How many workinghours can this bottle secure the gas-delivery if the average-consumption amounts 720 L per workinghour?

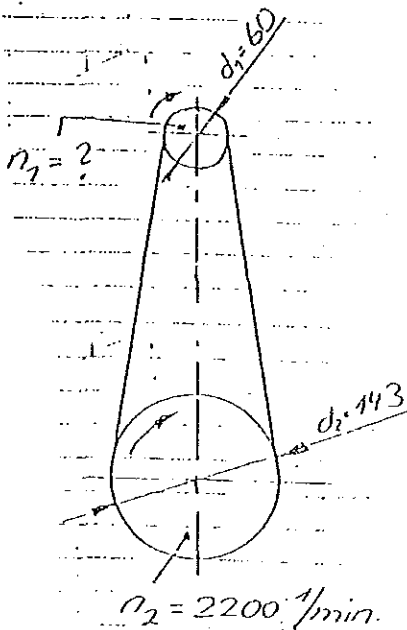
Mathematic test Automotive



The valve as shown in the drawing has a weight of 280g, this is 27% of the cylindrical steel, out of which it can be produced (see interrupted line).

Tasks:

1. Find out the weight of the cylindrical steel (raw material).
2. Find out the length of the valve, marks with L.



The single transmission consists of two pulleys as shown in the drawing. The nos. of rotations of the big pulley are 2200 1/min.

Tasks:

1. Find out the nos. of rotations of the smaller pulley n_1 .
2. Compute the transmission ratio.

apply a lot of different materials for production of goods, ie five (5) metals and three (3) non-metals used for this very purpose!

<u>Metals</u>	<u>Non-Metals</u>
-	-
-	-
-	-
-	-

Non-Metals are mostly applied for technical uses. They are very important, therefore

1. explain the difference between cast-iron and steel, and

2.2 define "Mild-Steel"!

3. Classify Non-Ferrous Metals into Light- and Heavy-Metals! Name three (3) of each! (Abbreviations are welcome!)

<u>Light-Metal</u>	<u>Heavy-Metal</u>
-	-
-	-
-	-

opons, the "joint-fork" (see
It be made out of U-bar and a flat
ice and should be fitted by welding.

How have these two pieces be prepared
for welding?

1. What welding methods are applicable for
this task?

Gas-welding without oxygen is impossible!
What is the reason for it?

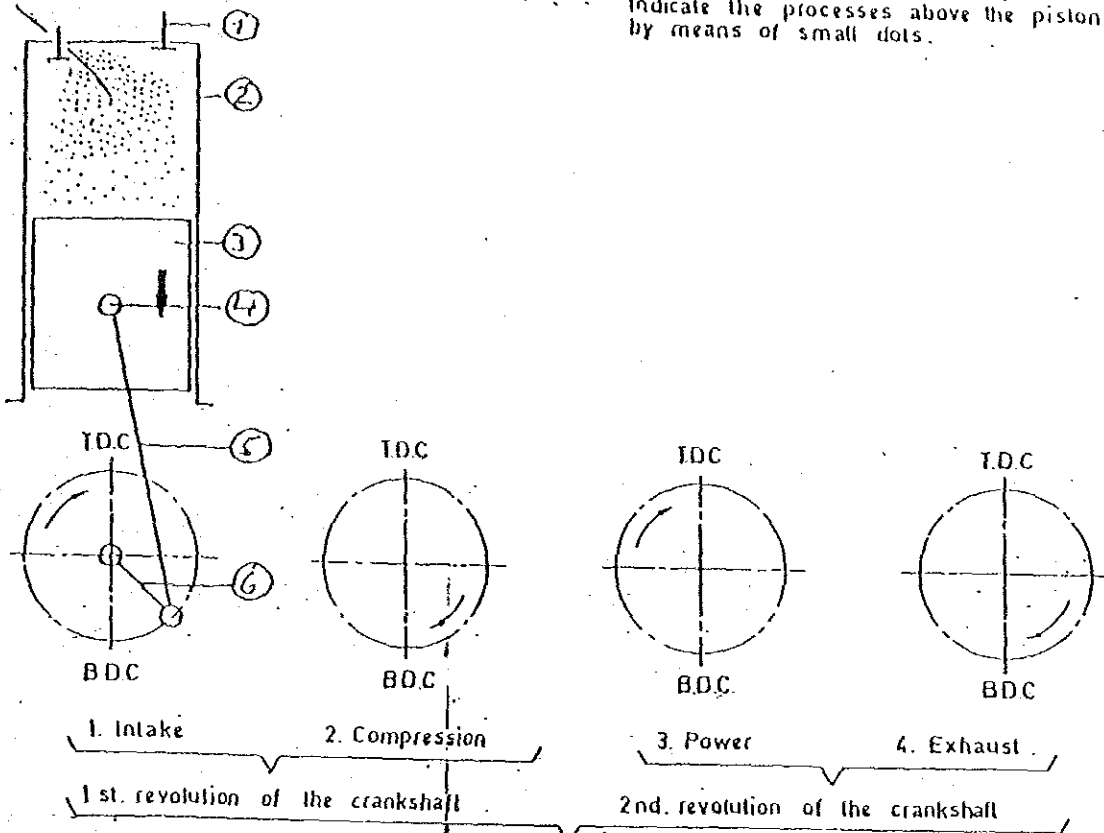
6. What are the advantages of Arc-Welding?
compared to Gas-Welding?

7. The bodies or hulls of aircrafts are fitted by
riveting! Why is welding for this purpose not
useful?

1. stroke	2. stroke	3. stroke	4. stroke
5° to BDC	30° to TDC	60° to BDC	60° to TDC

task:


1. Prepare the missing sketches of the 4-stroke process.
2. Explain the processes in the below table. Indicate the processes above the pistons by means of small dots.



2

1 working cycle = 2 revolutions of the crankshaft

INTAKE:	Piston moves T.D.C - B.D.C intake valve open, pressure 0.2 at below atmosphere, air - fuel - mixture enters the cylinder thus cooling the cylinder
COMPRESSION:	
WORK:	
EXHAUST:	

WORKING PRINCIPLE OF 4 STROKE ENGINE		Engine and its parts
Date	Name	Auto-Mechanic
 DEVELOPMENT CELL FOR SKILLED LABOUR TRAINING FAK GERMAN TECHNICAL TRAINING PROGRAMME		Technical Drawing No. 7

technology test Automotive

Complete the table

part. Nr.	name of part	applied material
1		
2		
3		
4		
5		
6		




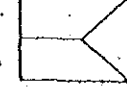
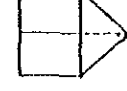



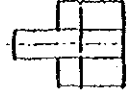
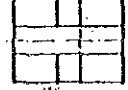
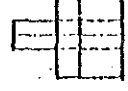
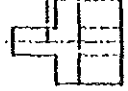
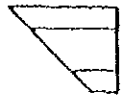


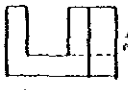
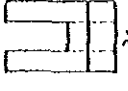
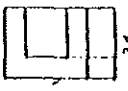


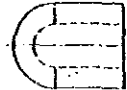
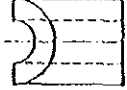
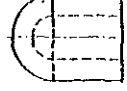

Punkte

Note

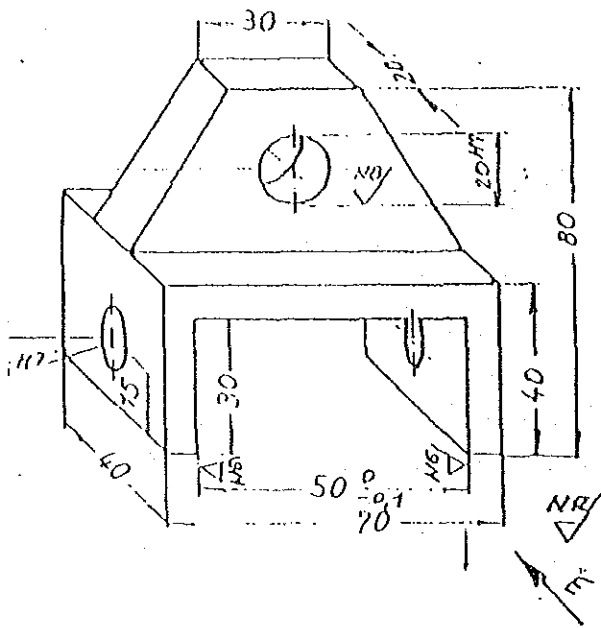
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DRAWING TEST - RECOGNITION

Find out the correct side view to each front view and top view and mark it distinctly. (Only one of the 4 shown side views is really correct).

Mechanics + Welding



Sketch the shown joint - fork made out of Mild-Steel (St 42-2) in three (3) views along with all for the production essential informations, such as dimensions, fits, tolerances and applied materials as well as wanted surface qualities.

The elevation (E) or front view should be in the direction of the dart.

Attention:

By the way, is it necessary to give all informations in a three-view drawing or can all required informations be given by application of two views only?

Please, give your proposal!

2567/10/9/1985

Bandung, 22 Oktober 1985

Alternatif Pemilihan Lokasi
Pembangunan R. Bantuan R.F.D

Kepada Yth :
Sde. Pembantu Proyek Pembangunan BLK
Bantuan Luar Negeri di Pusat dan
Daerah (DIT. SINDIGLATA)
Jl. Jenderal Gatot Subroto Kav. 51.
di -

26/10/1985
B. 1017/11.9/18/10/85

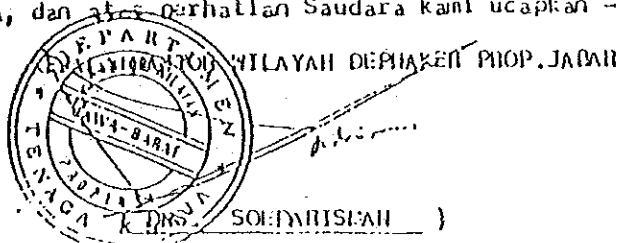
BLK BANTUAN
Menanggapi surat Saudara Kepala BLKI Bandung No: B. 231/1.9/BLK/1985, tgl.
10 Oktober 1985 tentang pemilihan lokasi Pembangunan Gedung BLK Bantuan R.F.D, -
sebagaimana objektivitasnya pemilihan tersebut bersama ini disampaikan suatu usul
dan pertimbangan bobot alternatif pada faktor-faktor sebagai berikut :

S a s a r a n	C a l o n L o k a s i			K e t e r a n g a n
	1. Prop. Diatas Rumah Dinas	2. Prop. Halaman Upacara	3. Prop. Lapangan Olahraga	
Setujuan Instalasi Luar (Izin Prinsip)	Harus ada -	Tidak perlu +	Tidak perlu +	
Penghapusan Berang/ Milik Negeri	harus ada -	Tidak perlu +	Tidak perlu +	
Laya Pemindahan / Bongkar	B e s a r -	Tidak ada +	Tidak ada +	
Menganti Rumah Pengganti Kar- wan yang terkena pemindahan	S u l i t -	Tidak perlu +	Tidak perlu +	
Tempat lain sebagai pengganti tempat pembangunan	Tidak ada -	a d a +	a d a +	
S T E T I K A	B a i k +	Kurang baik -	B a i k +	
Pengawasan/Komunikasi Kegiatan	D e k a t +	D o k a t +	J a u h -	
Luas tanah untuk Bangunan tab	Mencukupi +	Mencukupi +	Mencukupi +	
Jumlah + dan -	+ = 3 - = 5	+ = 7 - = 1	+ = 7 - = 1	

Dari gambaran tersebut diatas maka dapat kami simpulkan sebagai berikut :

1. Calon terbaik yang dipilih adalah halaman upacara.
2. Calon kedua yang dipilih adalah lapangan olahraga.

Demiikianlah untuk Saudara maklumi dan selanjutnya kami serahkan kepada ko-
bijaksanaan Saudara untuk memilihnya, dan atas perhatian Saudara kami ucapkan -
terima kasih.-



Kepada Yth :

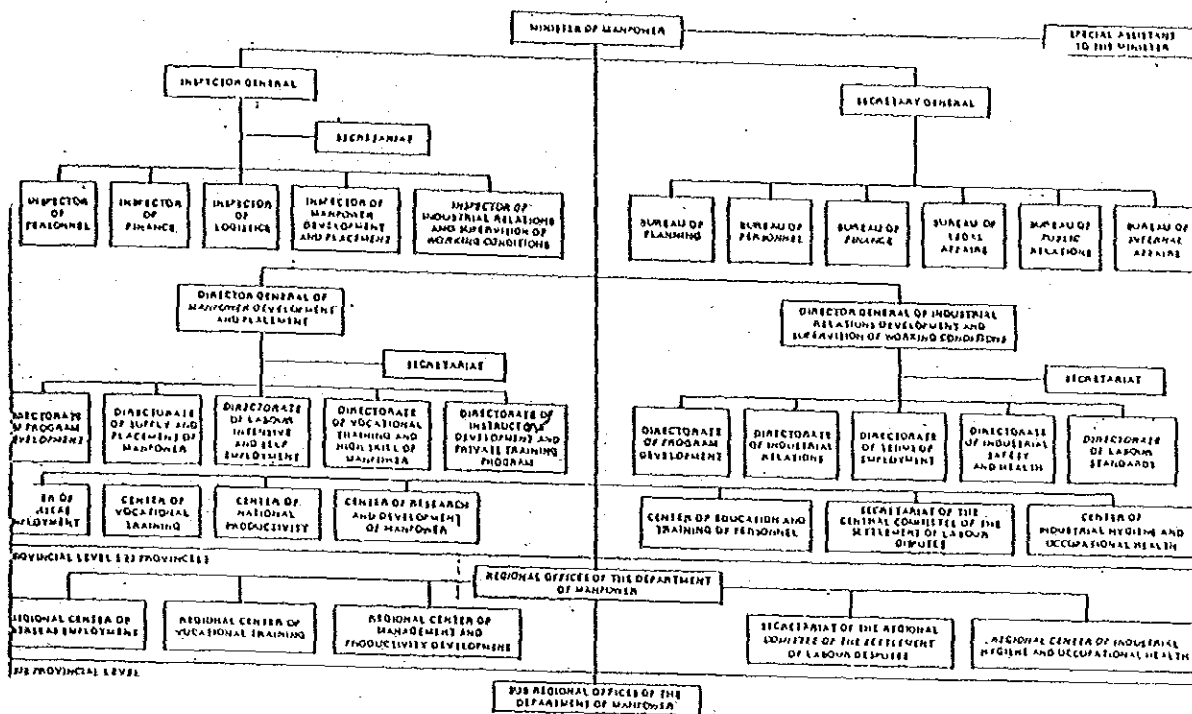
Kepala BLKI Bandung,

Arso

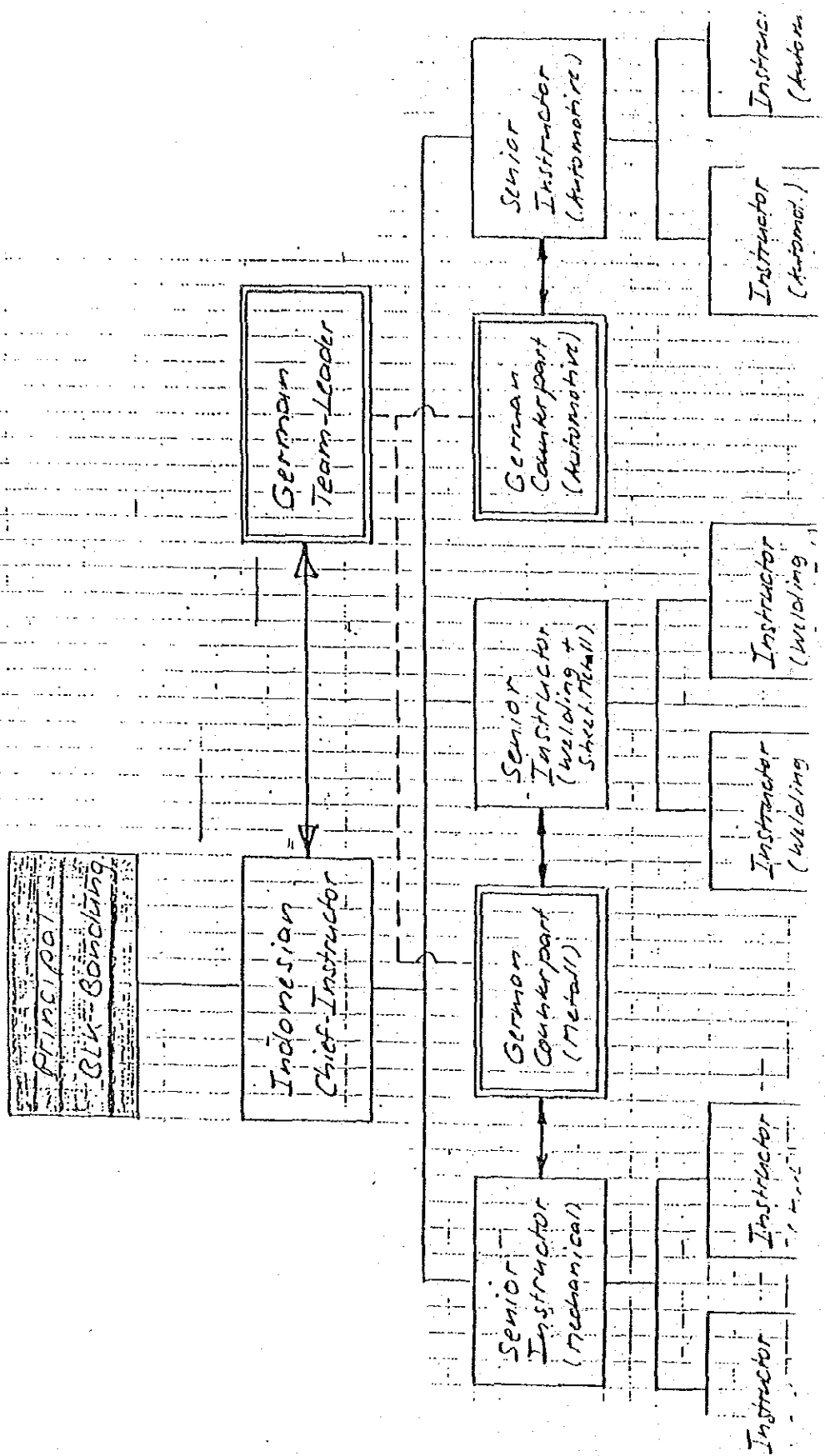
German-Indonesian Instructor-Training - Institut Teknologi Bandung (ITB) Time Schedule

Project - Activities	1986 - 1991					
	1986	1987	1988	1989	1990	1991
1. Feasibility studies	Jan - Feb					
2. Counterpart selection	Mar - Apr					
3. Language course Bandung		May - Jun				
4. Counterpart training Germany		Jul - Aug				
5. Architectural design Indonesia		Sep - Oct				
6. Construction work Indonesia		Nov - Dec				
7. Arrival of equipment in Bdg.		Jan - Feb				
8. German Team - leader		Mar - Apr				
9. German Automotive-expert		May - Jun				
10. German Metal-expert		Jul - Aug				
11. German Short-time-expert		Sep - Oct				
12. Installation of equipment		Nov - Dec				
13. Selection of pilot course cand.		Jan - Feb				
14. Start of pilot course		Mar - Apr				

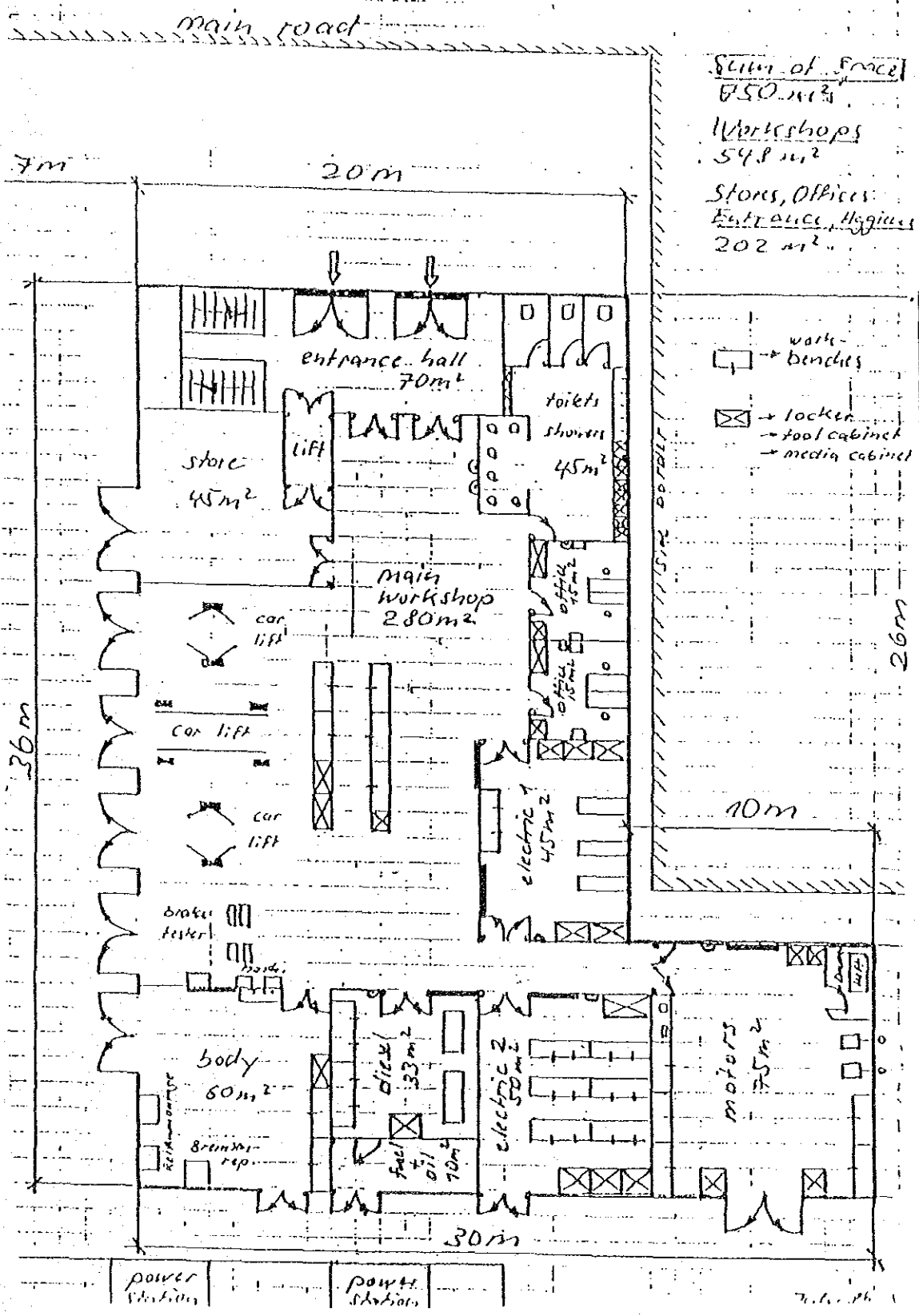
**ORGANISATION STRUCTURE
OF THE DEPARTMENT OF MANPOWER
REPUBLIC OF INDONESIA**



Personal Staff Scheme IT: Bandung



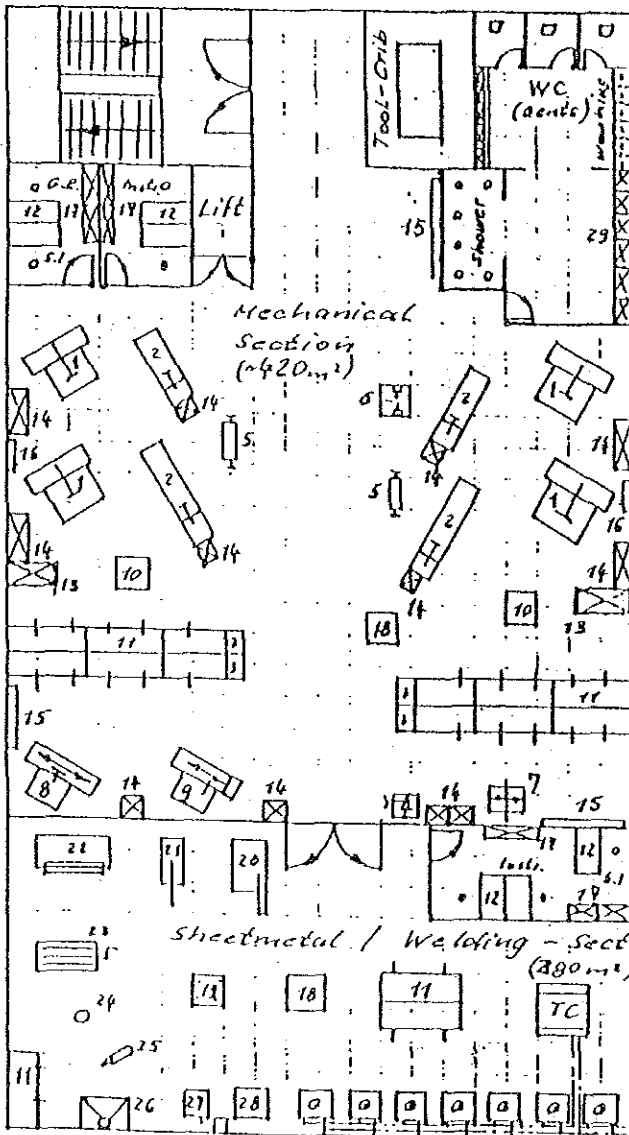
Ground Floor : Workshops Automotive



Instructor Training Institute Bandung

ANNEX 6-B

1st Floor: Mechanical and sheetmetal / welding section.



- G.E. = German Expert
- S.I. = Senior Instructor
- Instr. = Instructor
- 1 = Universal Milling Mach.
- 2 = Lathe
- 3 = Bench-Drilling Mach.
- 4 = Column-Drilling Mach.
- 5 = Pedestal-Grinder
- 6 = Lathe Cutting-Tool Grinder
- 7 = Milling Cutter Grinder
- 8 = Flat Surface Grinder
- 9 = Cyl. Surface Grinder
- 10 = Marking Plate
- 11 = Working Bench incl. Vice
- 12 = Instructor Writing Desk
- 13 = Tool Cabinets
- 14 = Machine Tool Cabinets
- 15 = Chalk-Board
- 16 = Emergency-Switch
- 17 = Office Cabinet
- 18 = Straightening plate
- 19 = Swage block

- 20 = sheetmetal shear
- 21 = Lever Shear
- 22 = Bending Mach.
- 23 = Rolling Mach.
- 24 = Timmer's plate

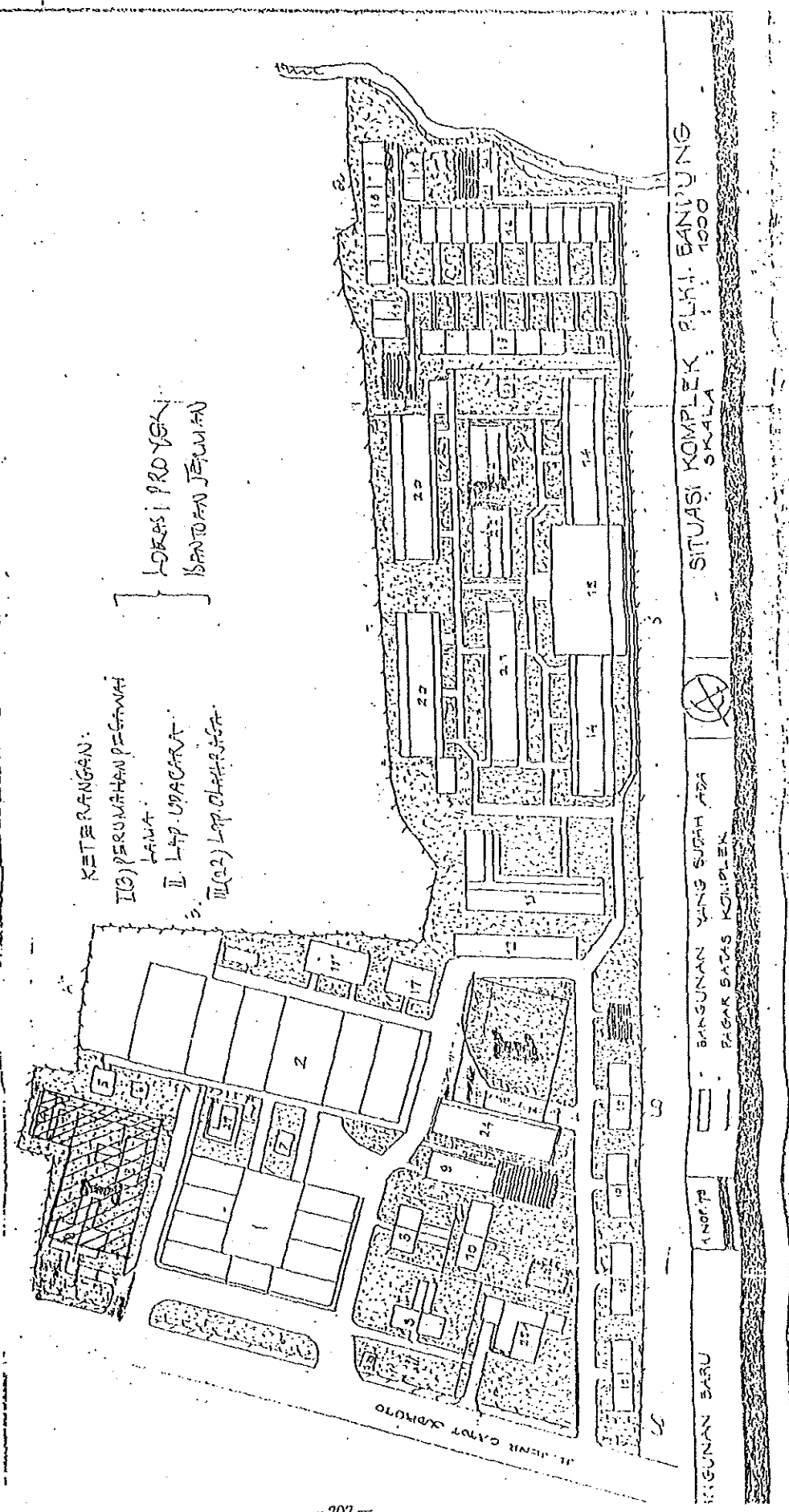
- 25 = Anvil
- 26 = Smithy Furnace
- 27 = Annealing Furnace
- 28 = Hardening Furnace
- 29 = Locker

- E = AEC - Welding
- G = Gas - Welding
- MAG = MAG - Welding
- TIG = TIG - Welding
- TC = Tool-cutting

ANNEX A

Proposed layout for project
alternative Lot II
alternative Lot III

= to small in its small



KETERANGAN:
I (3) PERUMAHAN PEGAWAI
LAMA
II LTP-UPACARA
III (22) LTP-CHARTER

LOKASI PROYEK
BANTUAN JEMUAN

SITUASI KOMPLEK PLKI BANJUNG
SKALA 1:1000



BARUNAN YANG SUDAH ADA
PAGAR BAYAS KOLEKSI

ANORIT

SIGUNAN BARU

A G R E E M E N T
B E T W E E N
THE GOVERNMENT OF THE REPUBLIC OF INDONESIA
AND
THE GOVERNMENT OF THE REPUBLIC OF KOREA
REGARDING
THE ESTABLISHMENT OF A VOCATIONAL TRAINING
CENTER IN THE REPUBLIC OF INDONESIA

The Government of the Republic of Indonesia and the Government of the Republic of Korea,

Bearing in mind the friendly relations existing between the two States and their peoples,

Recognizing the benefit to be derived by both countries from closer co-operation in the field of vocational training through the establishment of a Vocational Training Center in the Republic of Indonesia in pursuance of the Joint-Communique of 19 October 1982 between H.E. Soeharto, President of the Republic of Indonesia and H.E. Chun Doo Hwan, President of the Republic of Korea,

Have agreed as follows :

Article 1

1. The Government of the Republic of Indonesia and the Government of the Republic of Korea (hereinafter referred to as "the Contracting Parties") shall jointly set up a Vocational Training Center (hereinafter referred to as "the Center") in the Republic of Indonesia. The Center shall be known as Korean-Indonesian Vocational Training Center.
2. The Center shall operate under the supervision of the Minister of Manpower of the Republic of Indonesia.
3. The Center shall be a non-profit institution.

4. The nature and scope of the contributions to be made by the Contracting Parties, as well as the terms of their co-operation, shall be as provided in the following provisions.

Article 2

1. For the training of skilled workers, up to 420 full-time training places shall be created in the Center.

2. The trades and the capacity of each trade shall be allotted as follows :

- 60 training places to the Machine working trades,
- 60 training places to the Plumbing trades,
- 60 training places to the Sheet Metal and Welding trades,
- 60 training places to the Electricity trades,
- 60 training places to the Electronics trades,
- 60 training places to the Heavy Equipment and Agricultural Instrument trades, and
- 60 training places to the Wood Working (Construction and Furniture) trades.

Article 3

1. The Center shall be responsible for the following training programs to implement the training as provided in Article 2.

- 1 year (1.800 hrs) craftsman training (regular course),
- Advanced training for existing workers (advanced training course for craftsman),
- Training for vocational training instructors (instructor training course), and
- Retraining of vocational training instructors (advanced training course for instructors).

2. The training shall be divided into 2 (two) phases, i.e., the vocational training (craftsman training) as the first phase and followed by the instructors training as the second phase.

3. The Center shall be responsible for the development of training materials as well as the training programs, in the following activities :

- Development of textbook, work guidebook and work records,
- Research and Development of the training guidance method, and
- Development of Audio-Visual Aids.

4. The Center shall also contribute to the development of vocational training in general in the Republic of Indonesia.

Article 4

1. For the training programs in Article 3, paragraph 1, applicants for the regular training course shall have a qualification of completing the 12-year education and applicants for the other course shall be selected according to the standards to be determined respectively.

2. A certificate shall be awarded to the trainee who completed the respective course.

Article 5

1. The Government of the Republic of Korea shall secure to the Center a Chief Adviser and 7 Experts whose assignments shall total up to 204 man/months.

2. The Korean Experts shall participate in the implementation of the programs listed in Article 3 according to their field of specialization as well as in the assemblies and putting into service of the equipments. They shall

provide guidance to the Indonesian instructors and responsible staff in respect to their specialization.

3. The date when the Chief Adviser and the Experts shall be dispatched shall be determined by the tasks of Experts and the progress of the construction of the Center. The Chief Adviser should be dispatched a sufficient period of time ahead of the beginning of the implementation of the tasks stipulated in Article 3 to enable him to prepare himself for these tasks and to fulfill all tasks incumbent on him under this Agreement.

4. The Chief Adviser and Experts shall be appointed and dispatched in consultation with the Government of the Republic of Indonesia.

5. The specialization, date of arrival and duration of assignment of the Experts shall be settled in detail by the consultation between the Government of the Republic of Indonesia and the Chief Adviser who shall act on behalf of the Government of the Republic of Korea.

Article 6

1. The Government of the Republic of Korea shall arrange for the training of up to 17 Indonesian nationals in the Republic of Korea for future projects at the Center and their training amount shall total up to 171 man/months.

2. The persons who shall participate in the instructor training course in the Republic of Korea shall be as follows :

- 1 Director
- 1 Vice Director
- 1 Chief of Administration
- 7 Heads of the training departments
- 7 Instructors of the training departments.

3. The Government of the Republic of Indonesia shall select suitable applicants in consultation with the Government of the Republic of Korea and the Chief Adviser. The Government of the Republic of Indonesia shall ensure that the selected applicants have sufficient knowledge of the English language and promise to work as full-time staff at the Center for a certain period of time proportionate to their training period after completion of the training in the Republic of Korea.

4. The Government of the Republic of Indonesia and the Chief Adviser shall jointly prepare a training plan as soon as possible and decide the training periods, types of training, and training institutions in the Republic of Korea.

Article 7

1. The Government of the Republic of Korea shall provide on grant basis training equipment necessary for the implementation of the projects, especially machines, tools, spare parts, teaching aids and materials, equivalent to the value of C.I.F. US\$ 4,000,000 at the international bidding price.

2. The items of equipment shall be listed item by item in the Annex to the present Agreement. The individual items can be adjusted within the limits of the total value.

3. The Government of the Republic of Indonesia and the Chief Adviser or another person or agency acting for the Government of the Republic of Korea shall endeavour to prepare a schedule for the delivery of the equipment at the earliest possible date.

4. The Government of the Republic of Indonesia shall bear the costs of unloading, inland transportation and insurance cost for the equipment supplied by the Government of the Republic of Korea from the port of Jakarta to the place of destination and shall also exempt them from harbor dues, import duties and other public charges.

5. The equipment supplied for the project by the Government of the Republic of Korea shall become the property of the Republic of Indonesia upon arrival in the Republic of Indonesia. They shall be used exclusively in the Center for the projects specified in the Agreement.

Article 8

1. Considering the projects laid down in Article 3 of this Agreement, at least 90,000 sqm. of land, shall be provided by the Government of the Republic of Indonesia.

2. The Government of the Republic of Indonesia shall construct approximately 20,000 sqm. for the office, workshops, classroom, attached rooms, dormitory, apartment and other buildings necessary for the projects and shall provide the buildings with water supply, electricity and sewerage services.

Article 9

1. The Government of the Republic of Indonesia shall provide the Center with the following personnel for the implementation of the projects in Article 3.

- Director
- Vice Director
- Chief of Administration
- Heads of the 7 training departments
- Required number of instructors
- Required number of administrative and auxiliary personnel
- 8 administrative and auxiliary personnel for Korean Experts.

2. The Government of the Republic of Indonesia shall decide the remuneration and the working conditions of the Indonesian personnel employed at the Center in such a way

that it shall be possible to attract and to hold qualified full-time staff.

Article 10

1. The Government of the Republic of Indonesia shall bear the total expenditures for the operation and maintenance of the Center. It shall, in particular, provide the materials for the assistance and operation of the Center and bear all the maintenance cost including the insurance cost of the motor vehicles as well as the cost of water supply and electricity.
2. The Government of the Republic of Indonesia shall provide fund to pay for all the necessary expenditures (including the cost of official travel for Korean personnel) for the operation and maintenance of the Center.
3. The Government of the Republic of Indonesia shall exempt the salaries of the Korean experts paid by the Korean Government from taxes and other financial dues according to the existing law and regulations of the Republic of Indonesia.
4. The Government of the Republic of Indonesia shall exempt the Korean experts and their families from import duties and financial dues in respect of their importation of personal effects according to the existing law and regulations of the Republic of Indonesia from the date of their arrival in the Republic of Indonesia. Each expert whose assignment is over six months has the privilege to buy a locally assembled car in the Republic of Indonesia at the price exempted from import duties.

Article 11

1. The Chief Adviser shall :
 - undertake the tasks and have the competence assigned to him under the present Agreement,

- provide guidance to the Indonesian training personnel in relation to the matters of technical training,
 - be responsible for all matters concerning the Korean personnel,
 - be responsible for all matters concerning the Center to the Director General of Manpower Development and Placement of the Republic of Indonesia.
2. The Director shall :
- undertake the tasks and have the competence assigned to him under the present Agreement,
 - be responsible for the administration of the Center and for the on-the-job training of the Indonesian personnel.
3. The Chief Adviser and the Director shall co-operate closely in the performance of their tasks. During the course of implementing the project, the Chief Adviser shall gradually render his responsibilities to the Director in order to enable the Director to take over full responsibilities after the termination of his assignment period.

Article 12

The Government of the Republic of Indonesia could in its technical counterparting assign a state-owned company in the sense that the Ministry of Manpower maintains its control, supervision and overall responsibilities.

Article 13

1. The Government of the Republic of Korea shall charge the Korean Ministry of Labour with the implementation of the projects stipulated in the present Agreement.
2. The Government of the Republic of Indonesia shall charge the Indonesian Ministry of Manpower with the implementation of the projects stipulated in the present Agreement.

3. The implementing Ministries pursuant to sub-paragraphs 1 and 2 of this Article shall jointly agree on details of the implementation of the projects in plans of operations, adapting them as necessary in line with the progress of the project.

Article 14

Any dispute between the Contracting Parties arising out of the interpretation or the implementation of this Agreement shall be settled amicably by consultation or negotiation.

Article 15

The Agreement shall enter into force on the date of exchange of instruments of ratification and shall remain valid for a duration of five years.

Thereafter it shall be renewed automatically for subsequent one year unless either Contracting Party requests its termination with written notice three months before the expiration of the Agreement. Any modifications or amendments of this Agreement shall be concluded by exchange of notes.

IN WITNESS WHEREOF, the undersigned, being duly authorised thereto by their respective Governments have signed this Agreement.

DONE in duplicate, at _____ this _____ day _____ of the year one thousand five hundred and eighty-four in two original copies each in English language.

FOR THE GOVERNMENT OF
THE REPUBLIC OF INDONESIA

FOR THE GOVERNMENT OF
THE REPUBLIC OF KOREA

DEPARTMENT OF MANPOWER
DIRECTORATE GENERAL OF MANPOWER DEVELOPMENT AND PLACEMENT

THE DEVELOPMENT OF CEVEST

(Manpower Department)
Planning and execution

1986 - 1988

presented by
Director General of
Manpower Development and Placement
H. TAMBUNAN

Jakarta, September 20, 1986

THE DEVELOPMENT OF CEVEST

Planning and Execution
1986 - 1988

I. PREFACE.

The CEVEST building was officially inaugurated by the Minister of Manpower and the Minister of Industry on September 3, 1985, however the CEVEST activities had been started since July 1985.

II. THE MANAGEMENT OF THE CEVEST

CEVEST is managed by 2 (two) Ministries ;

a. Ministry of Manpower.

The Ministry of Manpower deals with Instructors training and training for Training Managers and the development of training programmes, curriculum, syllabus, training materials and skills tests.

b. Ministry of Industry.

The Ministry of Industry deals with the Extension Service Training i.e. for the development of skills improvement for entrepreneurs and staffs of Small Industry Development Offices.

Although the organization and management of both departments are separated, both Ministries are coordinated in a Joint Committee which has a role to provide guidance in the planning and implementation of the CEVEST programme.

III. TRAINING PROGRAMME

1. In the Fiscal Year 1985/1986, a two years training for VTC Assistant Instructors is being attended by 75 participants. In addition, a two months training programme for Numerical Control Machines was also conducted and 20 Instructors from VTC, managed by the Ministry of Manpower participated.

2. Programme for the Fiscal Year 1986/1987.

Due to limited finances we intend to conduct training programme as follows :

- a. To continue the second phase of the first batch of Assistant Instructor Training (1985/1986)
- b. To start the first phase of a second batch of Assistant Instructor Training (January 1987)
- c. A three months Instructor Up-grading course (6 trades).
- d. A two months Instructor Training course for private training institutions (3 trades).

3. Programme for the fiscal year 1987/1988.

- a. To continue the second batch of Assistant Instructor Training.
- b. To start the third batch of Assistant Instructor Training.
- c. Training Methodology or Type II (2 trades).
- d. Training of Trainers.

IV. RESEARCH AND DEVELOPMENT PROGRAMME.

1. In support of the training activities, the R & D Unit available at CEVEST has succeeded in conducting surveys on training results from VTCs and follow-up activities.
2. It is planned to further develop training curriculum, trade skill tests and certification.

V. ORGANIZATION AND MANAGEMENT.

1. A temporary profile of the organization was geared to a Ministerial Decree regarding CEVEST structure and procedures in the future as follows :

- a. Division for Preparation and Conduct of training,
 - b. Division for Development of Training,
 - c. Division for Documentation and training counseling.
 - d. Office and Administration.
2. As a requirement of the status and level of CEVEST, a temporary recommendation of the Instructor training of programme by the Directorate General of Higher Education, Ministry of Education and Culture, (M.E.C.) (which has the same level of education diploma programme) has been obtained.

The next step will be for the Ministry of Manpower and MEC to arrange the whole Instructor training programme.

This programme should be delivered to the Office of the State Minister for Administration Reforms who authority to decide the level and status of CEVEST.

Hopefully in this fiscal year or early next fiscal year, we should get a decision.

3. Management.

The Minister of Manpower has appointed a Head of M.O.M CEVEST as interim. However, as a manager he works full time to manage the CEVEST programme.

According to the position of CEVEST as one of the Units of the Central office of the M.O.M. under the Secretary General (for administration activities) and the Director General of Manpower Development and Placement (for technical activities), so the Head of M.O.M CEVEST distributes his duties at two places :

- For planning activities, he stays at Central Office, Jakarta
- For training activities and control, he stays at CEVEST, Bekasi.

4. Personnel.

At present there are 35 Instructors and 64 Administration staff working in the M.O.M -CEVEST. Most of the Instructors have already undergone a 8 - 12 months training programme in Japan before their assignment in Japan before their assignment in CEVEST.

VII. BUILDING CONSTRUCTION.

1. Planning

In according with the masterplan for the physical facilities development, Indonesia built :

- a. Six blocks of dormitories with 150 rooms for 300 students.
- b. 46 units of housing for officials and instructors of the CEVEST.
- c. 1 auditorium unit.
- d. Other facilities.

2. Construction.

a. First Stage (1985/1986)

Had been erected as follows :

- 13 Units for housing
- 12 blocks of dormitories
- Other facilities i.e. paths around the complex, fences and drainage.

b. Second Stage (1986/1987)

The construction will be :

- 17 units for housing,
- 2 blocks of dormitories
- Landscaping, fences and drainage.

3. Construction of the next stages, will be brought into line, in the coming years, with what the government is able to do.

VIII. CAREER SYSTEM FOR THE CEVEST INSTRUCTORS.

At present the career planning system for the function position of the Vocational Training Instructors of the Ministry of Manpower is being jointly discussed with the office of the State Minister for Administration Reforms starting from the lowest level as Assistant Instructors up to the highest as Senior Instructors. In future CEVEST will play an important role in the acquiring of Credit Points for promotion within the Instructor function.

IX. PROPOSALS FOR THE DEVELOPMENT OF CEVEST.

1. Extension of Training Programme.

As a training institution which produces instructors that will be assigned to the VTC's it is proposed that the range of programmes of training be extended to include that which is not covered yet by the CEVEST at present, for Wooden Furniture and Building material, Mixed Farming, Computer etc.

2. Extension of the Long-term Training Programme.

For the Long-Term training programme it is proposed to conduct Instructors Career Training, at the same level as an Academic training, through 3 stages of training, such as :

Stage 1

Training for Assistant Instructors for a two years duration.

- Stage 2

Training for Junior instructors, designed for participants from stage 1,

- Stage 3

Training for Instructors, designed for the graduates of stage 2.

As a consequence of the proposal for the programme development of CEVEST, the Record of Discussion, which was signed by both sides on February 16, 1983, it will be necessary to extend the length of time for further cooperation between the two countries.

Jakarta, September 26, 1986.

JICA