

5. Details of Full Cost
(Step 2, 2.15 MT)

Full Cost

Cost Center: Material Yard 2.15 —MT Production 4,965.2 x 1,000 ton

Item	Quantity	Unit Price (Rs.)	Amount (1,000 Rs.)	Unit Consumpt.	Unit Cost Rs./ton
Ore fine (Sinter)	2,204.9x10 ³ t	112	246,948		
Manganese ore fine (Sinter)	95.7x10 ³ t	183	17,513		
High grade ore (BF)	363.0x10 ³ t	142	51,546		
Low grade ore (BF)	844.9x10 ³ t	135	114,048		
Ore (BOF)	62.4x10 ³ t	145	9,048		
Lime stone (Sinter)	346.4x10 ³ t	190	65,816		
Lime stone (BF)	88.0x10 ³ t	190	16,720		
Lime stone (BOF)	502.0x10 ³ t	250	125,500		
Dolomite stone (Sinter)	343.6x10 ³ t	195	67,002		
Dolomite stone (BOF)	52.4x10 ³ t	200	10,480		
Quartzite (Sinter)	62.0x10 ³ t	155	9,610		
(Material cost total)	(4,965.2x10 ³ t)		(734,232)		
Electricity	24,826x10 ³ kWh		12,018	5.0 kWh/t	
(Utilities total)			(12,018)		
(Variable cost total)			(746,250)		
Labour cost			3,567		
Labour cost (Rep. & maint.)			1,847		
Fixed material cost			15,400		
Depr. & interest			63,575		
Overhead exp.			9,389		
Traffic exp.			32,975		
(Fixed cost total)			(126,753)		
Full cost total	4,965.2x10 ³ t		873,003		

Full Cost

Cost Center: Sintering 2.15 —MT Production 2,816.0 x 1,000 ton

Item	Quantity	Unit Price (Rs.)	Amount (1,000 Rs.)	Unit Consumpt.	Unit Cost Rs./ton
* Ore fine	2,204.9x10 ³ t	133.17	293,823	783 kg/t	
* Mang. ore fine	95.7x10 ³ t	217.59	20,923	34 kg/t	
* Lime stone	346.4x10 ³ t	223.91	78,255	123 kg/t	
* Dolomite stone	343.6x10 ³ t	231.85	79,865	122 kg/t	
* Quartzite	62.0x10 ³ t	184.29	11,426	22 kg/t	
Flue dust	55.0x10 ³ t	67	3,685	20 kg/t	
Quick lime	28.7x10 ³ t	—	—	15 kg/t	
(Material cost total)	(3,137.1x10 ³ t)		(487,477)		(173.11)
Coke breeze	253.4x10 ³ t	422	106,935	90 kg/t	37.97
Gas	140,800x10 ⁶ kcal		17,014	50x10 ³ kcal/t	
Electricity	112,640x10 ³ kWh		54,529	40 kWh/t	
Industrial water	1,408x10 ⁶ l		1,747	0.5x10 ³ l/t	
(Utilities total)			(73,290)		(26.03)
(Variable cost total)			(687,702)		(257.11)
Labour cost			3,742		
Labour cost (Rep. & maint.)			5,923		
Fixed material cost			39,854		
Depr. & interest			189,910		
Overhead exp.			24,439		
Traffic exp.			—		
(Fixed cost total)			(243,868)		(86.60)
Full cost total	2,816.0x10 ³ t		911,570		323.71

Full Cost

Cost Center: Coke Oven 2.15 -MT Production 1438.8 x 1,000 ton BF coke

Item	Quantity	Unit Price (Rs.)	Amount (1,000 Rs.)	Unit Consumpt.	Unit Cost Rs./ton
Coal (prime)	1,197.0x10 ³ t	675	807,975		
Coal (medium)	718.2x10 ³ t	613	440,257		
Coal (blendable)	239.4x10 ³ t	473	113,236		
Coal (Australia)	239.4x10 ³ t	1,020	244,188		
(Coal total)	(2,394.0x10 ³ t)	(670.7)	(1,605,656)		(1,115.97)
By-product (gas)	(-) 2,862,529x10 ⁶ kcal	113	(-) 324,766		
By-product (coal breeze)	(-) 359.7x10 ³ t	422	(-) 151,793		
By-product (others)			(-) 35,616		
(By-product total)			(-) 522,175		((-) 362.93)
(Material cost total)			(1,083,481)		(753.04)
Absorbent oil	718 t	3,027	2,173		1.51
Gas	1,568,070x10 ⁶ kcal		189,490	655x10 ³ kcal/t	
Electricity	68,708x10 ³ kWh		33,261	28.7 kWh/t	
Steam	556,256 t		54,101	0.224 t/t	
Industrial water	4,309x10 ³ ℓ		5,336	1.8x10 ³ ℓ/t	
Nitrogen	589x10 ³ Nm ³		610	0.25 Nm ³ /t	
(Utilities total)			(282,798)		(196.55)
(Variable cost total)			(1,366,452)		
Labour cost	12,309				
Labour cost (Rep. & maint.)	17,162				
Fixed material cost	111,661				
Depre. & interest	371,952				
Overhead exp.	46,465				
Traffic exp.	27,260				
(Fixed cost total)			(526,829)		(366.17)
Full cost total	BF coke 1,438.8x10 ³ t		1,895,281		1,317.27
By-product (screening coke breeze)	(-) 152.8x10 ³ t	422	(-) 60,262		
Full cost total	1,286.0x10 ³ t		1,835,019		1,415.91
For BF	1,286.0x10 ³ t		1,835,019		1,415.91
For sales					

Full Cost

Cost Center: Blast Furnace (1) 2.15 -MT Production 2,200.0 x 1,000 ton

Item	Quantity	Unit Price (Rs.)	Amount (1,000 Rs.)	Unit Consumpt.	Unit Cost Rs./ton
* Coke	1,296.0x10 ³ t	1,415.91	1,835,019	588 kg/t	
* Sinter	2,816.0x10 ³ t	323.71	911,570	1,280 kg/t	
* H. grade ore	363.0x10 ³ t	168.84	61,288	165 kg/t	
* L. grade ore	344.8x10 ³ t	160.51	135,603	384 kg/t	
Scrap (iron)	30.8x10 ³ t	1,830	56,364	14 kg/t	
* Lime stone	88.0x10 ³ t	225.91	19,880	40 kg/t	
Other sub-material (Main & sub-material)			36,960		
			(3,056,684)		(1,389.40)
By-product (slag)	(-) 1,012.0x10 ³ t	237	(-) 239,844		
By-product (dust)	(-) 55.0x10 ³ t	67	(-) 3,685		
By-product (skull)	(-) 16.3x10 ³ t	1,220	(-) 19,886		
By-product (gas)	(-) 3,420,166x10 ⁶ kcal	113	(-) 385,481		
(By-product total)			(-) 649,896		((-) 295.41)
(Material cost total)			(2,406,788)		(1,083.99)
Electricity (blower)	242,000x10 ³ kWh		117,163	110.0 kWh/t	
Indust. water (blower)	33x10 ⁶ ℓ		41	0.015x10 ³ ℓ/t	
Electricity	81,400x10 ³ kWh		39,405	37.0 kWh/t	
Gas	1,639,000x10 ⁶ kcal		198,061	745x10 ³ kcal/t	
Steam	101,200 t		10,210	0.046 t/t	
Nitrogen	11,000x10 ³ Nm ³		11,195	5.0 Nm ³ /t	
Industrial water	6,160x10 ⁶ ℓ		7,629	2.8x10 ³ ℓ/t	
(Utilities total)			(283,708)		(124.41)
(Variable cost total)			(2,750,496)		(1,266.41)
Labour cost	8,331				
Labour cost (Rep. & maint.)	18,507				
Fixed material cost	117,878				
Depre. & interest	451,954				
Special repair	40,600				
Overhead exp.	57,953				
Traffic exp.	25,064				
(Fixed cost total)			(720,087)		(327.31)
Full cost total	2,200x10 ³ t		3,510,583		1,595.72

Full Cost

Cost Center: Blast Furnace (2) 2.15 -MT Production 2,156.0 x 1,000 ton

Item	Quantity	Unit Price (Rs.)	Amount (1,000 Rs.)	Unit Consumpt.	Unit Cost Rs./ton
* Hot metal	2,200x10 ³ t	1,555.72	3,510,583		1,528.29
By-product (iron scrap)	(-) 37.4x10 ³ t	1,830	(-) 68,442		
By-product (skull)	(-) 6.6x10 ³ t	1,220	(-) 8,052		
(By-product total)	(-) 44.0x10 ³ t		(-) 76,494		(-) 35.48
Full cost total	2,156.0x10 ³ t		3,434,089		1,592.81
For BOF (LD)	2,080.0x10 ³ t		3,313,036		1,592.81
For acid pig	76.0x10 ³ t		121,053		1,592.81

Full Cost

Cost Center: Cold Pig Iron 2.15 -MT Production 76.0 x 1,000 ton

Item	Quantity	Unit Price (Rs.)	Amount (1,000 Rs.)	Unit Consumpt.	Unit Cost Rs./ton
* Hot metal	76.0x10 ³ t	1,592.81	121,053		1,592.80
Electricity	388x10 ³ kWh		188	5.0 kWh/t	
Industrial water (Utilities total)	15x10 ³ t		19	0.2x10 ³ t/t	2.73
(Variable cost total)			(121,260)		(1,595.53)
Labour cost			334		
Labour (Rep. & maint.)			150		
Fixed material cost			1,250		
Depr. & interest			—		
Overhead exp.			66		
Traffic exp.			2,368		
(Fixed cost total)			(4,158)		(94.71)
Full cost total	76.0x10 ³ t		125,418		1,850.24
For BOF (LD)	50.0x10 ³ t		82,512		1,850.24
For sales	26.0x10 ³ t		42,906		1,850.24

Full Cost

Cost Center: Byrnt Lime 2.15 -MT Production 258.0 x 1,000 ton

Item	Quantity	Unit Price (Rs.)	Amount (1,000 Rs.)	Unit Consumpt.	Unit Cost Rs./ton
* Lime stone	502.0x10 ³ t	297.25	149,221		575.38
Nitrogen	6x10 ³ Nm ³		6	0.02 Nm ³ /t	
Industrial water	230x10 ⁶ l		285	0.8x10 ³ l/t	
Gas	281,879x10 ⁶ kcal		35,271	1,017x10 ³ kcal	
Electricity	19,855x10 ³ kWh		9,031	85.0 kWh/t	
(Utilities total)			(44,533)		(172.84)
Refractory (brick)	88 t	4,000	344	0.33 kg/t	1.33
(Variable cost total)			(194,158)		(752.55)
Labour cost			742		
Labour cost (Rep. & maint.)			964		
Fixed material cost			8,039		
Depre. & interest			30,067		
Overhead exp.			4,324		
Traffic exp.			—		
(Fixed cost total)			(44,135)		(171.07)
Full cost total	258.0x10 ³ t		238,294		923.62
For 80% (LD)	258.0x10 ³ t		238,294		923.62

Full Cost

Cost Center: Dolomite 2.15 -MT Production 22.0 x 1,000 ton

Item	Quantity	Unit Price (Rs.)	Amount (1,000 Rs.)	Unit Consumpt.	Unit Cost Rs./ton
* Dolomite stone	52.4x10 ³ t	237.81	12,451		566.41
Electricity	627x10 ³ kWh		304	28.48 kWh/t	
Industrial water	5x10 ⁶ l		6	—	
Steam	4,840 t		488	0.22 t/t	
Gas	55,000x10 ⁶ kcal		6,645	2,500x10 ³ kcal	
(Utilities total)			(7,444)		(338.36)
Refractory			1,254		57.00
(Variable cost total)			(21,159)		(961.77)
Labour cost			484		
Labour cost (Rep. & maint.)			137		
Fixed material cost			1,163		
Depre. & interest			46		
Overhead exp.			92		
Traffic exp.			—		
(Fixed cost total)			(1,982)		(87.82)
Full cost total	22.0x10 ³ t		23,091		1,048.59
For 80% (LD)	22.0x10 ³ t		23,091		1,048.59

Full Cost

Cost Center: Basic Oxygen Furnace (1) 2.15 -MT Production 2,229.6 x 1,000 ton

Item	Quantity	Unit Price (Rs.)	Amount (1,000 Rs.)	Unit Consumpt.	Unit Cost Rs./ton
* Hot metal	2,980.0x10 ³ t	1,552.81	3,313,036	932.6 kg/t	
* Cold pig iron	56.0x10 ³ t	1,650.24	82,512	22.5 kg/t	
Scrap (return)	204.8x10 ³ t	1,745	357,424	188.5 kg/t	
Scrap (purchase)	171.0x10 ³ t	2,030	347,130		
(Main material cost)	(2,505.8x10 ³ t)		(4,100,102)	(1,123.6 kg/t)	(1,838.94)
* Burnt lime	258.0x10 ³ t	923.62	238,294	115.7 kg/t	
* Ore	62.4x10 ³ t	172.40	10,758	28.0 kg/t	
* Burnt dolomite	22.0x10 ³ t	1,048.59	23,091	9.6 kg/t	
Fluospur	8.6x10 ³ t	4,007	34,460	3.9 kg/t	
Ferro-manganese	19.8x10 ³ t	7,800	154,440	8.9 kg/t	
Ferro-silicon	4.7x10 ³ t	13,800	64,860	2.1 kg/t	
Aluminium	0.7x10 ³ t	23,300	16,310	0.3 kg/t	
Coke (breaze)	1.5x10 ³ t	2,884	4,026	0.7 kg/t	
(Sub-material)	(377.7x10 ³ t)		(546,238)		(244.89)
By-product (steel scrap)	(-)	2,030	(-)	52,374	
By-product (skull)	(-)	1,220	(-)	20,984	
By-product (gas)	(-)		(-)	40,823	
(By-product total)	(-)		(-)	113,781	(-) 51.03
(Material cost total)			(4,532,560)		(2,032.90)
Oxygen	147,154x10 ³ Nm ³		149,812	66.0 Nm ³ /t	
Nitrogen	20,066x10 ³ Nm ³		20,429	9.0 Nm ³ /t	
Gas	44,529x10 ⁶ kcal		5,389	20x10 ³ kcal	
Electricity	66,888x10 ³ kWh		32,380	30.0 kWh/t	
Industrial water	699x10 ⁶ l		829	0.3x10 ³ l/t	
(Utilities total)			(208,835)		(93.67)
Main brick	1,100 t	4,000	4,400	0.50 kg/t	
Furnace brick	26,400 t	7,450	196,800	11.5 kg/t	
Ladle brick	570 t	1,200	1,164	0.43 kg/t	
(Refractory total)			(202,244)		(90.71)
(Variable cost total)			(4,843,643)		(2,217.28)

Full Cost

Cost Center: Basic Oxygen Furnace (2) 2.15 -MT Production 2,229.6 x 1,000 ton

Item	Quantity	Unit Price (Rs.)	Amount (1,000 Rs.)	Unit Consumpt.	Unit Cost Rs./ton
Labour cost			7,423		
Labour cost (Rep. & maint.)			5,650		
Fixed material cost			44,588		
Depos. & interest			176,307		
Overhead exp.			33,791		
Traffic exp.			16,634		
(Fixed cost total)			(284,378)		(127.55)
Full cost total	2,229.6x10 ³ t		5,228,021		2,344.82
For ingot casting	304.1x10 ³ t		713,051		2,344.82
For BL-1 cc	349.0x10 ³ t		818,344		2,344.82
For BT-1 cc	260.4x10 ³ t		610,592		2,344.82
For ST-2 & 3 cc	1,316.1x10 ³ t		3,085,024		2,344.82

Full Cost

Cost Center: Ingot Casting

2.15 -MT Production 295.0 x 1,000 ton

Item	Quantity	Unit Price (Rs.)	Amount (1,000 Rs.)	Unit Consumpt.	Unit Cost Rs./ton
* Molten steel	304.1x10 ³ t	2,344.82	713,061		2,417.15
Sy-product (skull)	(-) 3.0x10 ³ t	1,220	(-) 3,660		
Sy-product (steel)	(-) 6.1x10 ³ t	2,030	(-) 12,383		
(Sy-product total)	(-) 9.1x10 ³ t		(-) 16,043		(-) 54.38
(material cost total)			(-) 897,018		(-) 2,362.77
Ladle brick	1,357 t	2,077	2,818	4.6 kg/t	
Sliding nozzle	177 t	59,200	10,476	0.6 kg/t	
(Refractory total)			(-) 13,296		(-) 45.07
Al-shot	29.5 t	23,300	687	0.1 kg/t	2.33
Ingot mould	6,490 t	6,208	40,277	22.0 kg/t	136.53
Bottom plate (total)	1,032.5 t	6,408	6,616	3.5 kg/t	22.43
Electricity	590x10 ³ kWh		286	2.0 kWh/t	
Gas	2,360x10 ⁶ kcal		286	8x10 ³ kcal/t	
Oxygen	30x10 ³ Nm ³		31	0.1 Nm ³ /t	
(Utilities total)			(-) 603		(-) 2.04
(Variable cost total)			(-) 758,497		(-) 2,571.18
Labour cost			2,195		
Labour cost (Rep. & maint.)			402		
Fixed material cost			2,826		
Depre. & interest			13,324		
Overhead exp.			2,167		
Traffic exp.			937		
(Fixed cost total)			(-) 21,851		(-) 74.07
Full cost total	295.0x10 ³ t		780,248		2,645.25
For blooming mill	295.0x10 ³ t		780,248		2,645.25

Full Cost

Cost Center: BL-1 cc

2.15 -MT Production 335.0 x 1,000 ton

Item	Quantity	Unit Price (Rs.)	Amount (1,000 Rs.)	Unit Consumpt.	Unit Cost Rs./ton
* Molten steel	345.0x10 ³ t	2,344.82	810,244		2,442.81
Sy-product (steel)	(-) 6.0x10 ³ t	2,030	(-) 12,180		
Sy-product (skull)	(-) 5.2x10 ³ t	1,220	(-) 6,344		
Sy-product (scale)	(-) 2.8x10 ³ t	30	(-) 84		(-) 55.54
(Sy-product total)	(-) 14.0x10 ³ t		(-) 18,608		(-) 2,387.27
(Material cost total)			(-) 799,736		
Ladle brick	1,943 t	2,077	4,036	5.8 kg/t	
Sliding nozzle	100.5 t	59,200	5,950	0.3 kg/t	
Fire clay brick	1,340 t	2,077	2,783	4.0 kg/t	
Castable (Hi-Al)	837.5 t	3,800	3,183	2.5 kg/t	
Nozzle (zircon)	40.2 t	61,500	2,472	0.12 kg/t	
(Refractory total)			(-) 18,424		(-) 55.00
LPG	167.5x10 ³ Nm ³	5,434/10 ³	910	0.5 m ³ /t	
Reprocessed oil	40,200 l	11.3	454	120 cc/t	
Copper mould	6,700 kg	430	2,881	20.9 g/t	
Al wire	—	—	—	—	
Burnt paddy	100,500 kg	4.9	492	0.3 kg/t	
Tips	10,720 P	17.4	187	0.032 P/t	
(Sub-material total)			(-) 4,924		(-) 14.69
Electricity	3,350x10 ³ kWh		1,622	10.0 kWh/t	
Industrial water	134x10 ⁶ l		166	0.4x10 ³ l/t	
Gas	6,030x10 ⁶ kcal		728	18x10 ³ kcal/t	
Oxygen	337x10 ³ Nm ³		343	1.6 Nm ³ /t	
Nitrogen	134x10 ³ Nm ³		136	0.4 Nm ³ /t	
(Utilities total)			(-) 2,985		(-) 8.95
(Variable cost total)			(-) 826,079		(-) 2,465.91
Labour cost			1,247		
Labour cost (Rep. & maint.)			931		
Fixed material cost			7,163		
Depre. & interest			29,087		
Overhead exp.			4,255		
Traffic exp.			1,441		
(Fixed cost total)			(-) 44,124		(-) 131.71
Full cost total	335.0x10 ³ t		870,203		2,597.62
For blooming mill	335.0x10 ³ t		870,203		2,597.62

Full Cost

Cost Center: BT-1 cc

2.15 -MT Production 250.0 x 1,000 ton

Item	Quantity	Unit Price (Rs.)	Amount (1,000 Rs.)	Unit Consumpt.	Unit Cost Rs./ton
* Molten steel	250.4x10 ³ t	2,344.82	610,582		2,442.37
By-product (steel)	(-)	2,030	(-)		
By-product (skull)	(-)	1,220	(-)		
By-product (scale)	(-)	30	(-)		
(By-product total)	(-)		(-)		
(Material cost total)			(585,839)		(55.01)
Ladle brick	1,450 t	2,077	3,012	5.8 kg/t	(2,387.36)
Sliding nozzle	150 t	59,200	8,880	0.6 kg/t	
Fire clay brick	1,500 t	2,077	3,116	6.0 kg/t	
Castable (Hi-Al)	1,125 t	3,800	4,275	4.5 kg/t	
Nozzle (Zircon)	22.5 t	61,500	1,384	0.09 kg/t	
(Refractory total)			(20,657)		(82.67)
LPG					
Rapeseed oil	30,000 l	11.3	339	120 cc/t	
Copper mould	5,000 kg	430	2,150	20.0 g/t	
Al wire	25 t	23,300	583	100.0 g/t	
Burnt paddy	75,000 kg	4.9	368	0.3 kg/t	
Tips	8,000 P	17.4	139	0.032 P/t	
(Sub-material total)			(3,578)		(14.31)
Electricity	2,500x10 ³ kWh	1,210	1,210	10.0 kWh/t	
Industrial water	100x10 ⁶ l		124	0.4x10 ⁶ l/t	
Gas	4,500x10 ⁶ kcal		544	18x10 ⁶ kcal/t	
Oxygen	25x10 ³ Nm ³		25	1.0 Nm ³ /t	
Nitrogen	100x10 ³ Nm ³		102	0.4 Nm ³ /t	
(Utilities total)			(2,005)		(8.02)
(Variable cost total)			(623,080)		(2,492.35)
Labour cost			931		
Labour cost (Rep. & maint.)			887		
Fixed material cost			7,085		
Depre. & interest			28,571		
Overhead exp.			4,137		
Traffic exp.			1,070		
(Fixed cost total)			(42,641)		(170.55)
Full cost total	250.0x10 ³ t		665,731		2,662.92
For merchant & bar	250.0x10 ³ t		665,731		2,662.92

Full Cost

Cost Center: BT-2 & 3 CC

2.15 -MT Production 1,270x1,000 ton

Item	Quantity	Unit Price (Rs.)	Amount (1,000 Rs.)	Unit Consumpt.	Unit Cost Rs./ton
* Molten steel	1,316.1x10 ³ t	2,344.82	3,086,024		2,429.94
By-product (steel)	(-)	2,030	(-)		
By-product (skull)	(-)	1,220	(-)		
By-product (scale)	(-)	30	(-)		
(By-product total)	(-)		(-)		
(Material cost total)			(3,029,979)		(44.37)
Ladle brick	7,356 t	2,077	15,289	5.8 kg/t	
Sliding nozzle	254 t	59,200	15,037	0.2 kg/t	
Fire clay brick	6,350 t	2,077	13,189	5.0 kg/t	
Castable (Hi-Al)	3,937 t	3,800	14,961	3.1 kg/t	
Nozzle (Zircon)	63.5 t	61,500	3,905	0.05 kg/t	
(Refractory total)			(62,391)		(48.12)
LPG	381x10 ³ Nm ³	5,434/10 ³	2,070	0.3 m ³ /t	
Rapeseed oil	152,400 l	11.3	1,722	120 cc/t	
Copper mould	25,400 kg	430	10,922	20.0 g/t	
Al wire	127 t	23,300	2,959	100 g/t	
Burnt paddy	381,000 kg	4.9	1,867	0.3 kg/t	
Tips	42,640 P	17.4	707	0.032 P/t	
(Sub-material cost)			(20,247)		(15.94)
Electricity	12,700 x10 ³ kWh	6,148	6,148	10.0 kWh/t	
Industrial water	508x10 ⁶ l		629	0.4x10 ⁶ l/t	
Gas	20,320x10 ⁶ kcal		2,455	18x10 ⁶ kcal/t	
Oxygen	1,270x10 ³ Nm ³		1,293	1.0 Nm ³ /t	
Nitrogen	508x10 ³ Nm ³		517	0.4 Nm ³ /t	
(Utilities total)			(11,042)		(8.68)
(Variable cost total)			(3,123,359)		(2,455.34)
Labour cost			4,728		
Labour cost (Rep. & maint.)			1,700		
Fixed material cost			11,908		
Depre. & interest			49,008		
Overhead exp.			7,544		
Traffic exp.			4,745		
(Fixed cost total)			(79,633)		(62.70)
Full cost total	1,270x10 ³ t		3,202,992		2,522.04
For No. 1 New Bar	615.0x10 ³ t		1,551,055		2,522.04
For No. 2 New Bar	655.0x10 ³ t		1,651,937		2,522.04

Full Cost

Cost Center: Blooming Mill 2.15 -MT Production 603.0 x 1,000 ton

Item	Quantity	Unit Price (Rs.)	Amount (1,000 Rs.)	Unit Consumpt.	Unit Cost Rs./ton
* Ingot steel	295.0x10 ³ t	2,645.25	780,348		(2,876.32)
By-product (scale)	(-) 8.9x10 ³ t	30	(-) 267		
By-product (steel scrap)	(-) 14.8x10 ³ t	2,030	(-) 30,044		
(By-product total)	(-) 23.7x10 ³ t		(-) 30,311		((-)) 111.72
(Material cost)	(271.3x10 ³ t)		(750,037)		((2,764.60))
* Cast bloom	335.0x10 ³ t	2,597.62	870,203		(2,623.47)
By-product (scale)	(-) 1.3x10 ³ t	30	(-) 39		
By-product (steel scrap)	(-) 2.0x10 ³ t	2,030	(-) 4,060		
(By-product total)	(-) 3.3x10 ³ t		(-) 4,099		((-)) 12.36
(Material cost)	(331.7x10 ³ t)		(866,104)		((2,611.11))
Roll	36,180 kg	20	724	0.08 kg/t	1.20
Consumable			3,280		5.44
Gas	230,348x10 ³ kcal		27,838	382x10 ³ kcal/t	
Electricity	14,942x10 ³ kWh		7,233	24.78 kWh/t	
Industrial water	241x10 ⁶ l		298		
(Utilities total)			(35,367)		(56.65)
(Variable cost total)			(1,655,512)		(2,745.46)
Labour cost			3,078		
Labour cost (Rep. & maint.)			8,688		
Fixed material cost			37,328		
Depre. & interest			45,439		
Overhead exp.			7,513		
Traffic exp.			2,799		
(Fixed cost total)			(102,826)		(170.53)
Full cost total	603.0x10 ³ t		1,758,338		2,915.98
For Billet mill (from ingot)	254.0x10 ³ t		792,111		3,000.42
For HSM (from BL-est)	276.0x10 ³ t		785,750		2,846.53
For No. 2 New Bar (from BL-est)	55.7x10 ³ t		158,574		2,846.93
For No. 2 New Bar (from ingot)	7.3x10 ³ t		21,903		3,000.42

Full Cost

Cost Center: Billet Mill 2.15 -MT Production 249.5 x 1,000 ton

Item	Quantity	Unit Price (Rs.)	Amount (1,000 Rs.)	Unit Consumpt.	Unit Cost Rs./ton
* Bloom	264.0x10 ³ t	3,000.42	792,111		
By-product (scale)	(-) 2.6x10 ³ t	30	(-) 78		
By-product (steel scrap)	(-) 11.9x10 ³ t	2,030	(-) 24,157		
(By-product total)	(-) 14.5x10 ³ t		(-) 24,235		((-) 97.13)
(Material cost)			(767,876)		(3,077.66)
Roll	37,425 kg	25	936	0.15 kg/t	3.75
Consumables			2,355		9.44
Electricity	6,512x10 ³ kWh		3,201	26.5 kWh/t	
Industrial water	508x10 ⁶ l		223	0.4x10 ⁶ l/t	
(Utilities total)			(3,424)		(13.73)
(Variable cost total)			(774,551)		(3,104.57)
Labour cost			3,063		
Labour cost (Rep. & maint.)			3,496		
Fixed material cost			15,139		
Depre. & interest			5,452		
Overhead exp.			1,635		
Traffic exp.			9,157		
(Fixed cost total)			(37,942)		(152.07)
Full cost total	249.5x10 ³ t		812,533		3,256.65
For merchant & bar	11.0x10 ³ t		35,823		3,256.65
For Sales (billet)	238.5x10 ³ t		776,710		3,256.65

Full Cost

Cost Center: Merchant & Bar 2.15 -MT Production 250.0 x 1,000 ton

Item	Quantity	Unit Price (Rs.)	Amount (1,000 Rs.)	Unit Consumpt.	Unit Cost Rs./ton
* Billet	11.0x10 ³ t	3,256.85	35,823		
* Billet (BT-icc)	250.0x10 ³ t	2,662.32	665,731		
(Total)	(261.0x10 ³ t)		(701,554)		(2,806.22)
By-product (scale)	(-) 5.2x10 ³ t	30	156		
By-product (scrap)	(-) 5.8x10 ³ t	2,030	11,774		
(By-product total)	(-) 11.0x10 ³ t		(-) 11,930)		(-) 47.72)
(Material cost)			(689,624)		(2,758.50)
Roll	55,000 kg	28	1,540	0.22 kg/t	6.16
Consumables			5,325		21.30
Gas	100,000x10 ⁶ kcal		12,084	400x10 ³ kcal/t	
Electricity	15,925x10 ³ kWh		7,274	60.1 kWh/t	
Industrial water	40x10 ⁶ l		50		
Steam	40,000 t		4,835	0.16 t/t	
(Utilities total)			(23,443)		(93.77)
(Variable cost total)			(719,832)		(2,878.73)
Labour cost			4,478		
Labour cost (Rep. & maint.)			3,970		
Fixed material cost			15,165		
Depre. & interest			10,390		
Overhead exp.			2,564		
Traffic exp.			8,853		
(Fixed cost total)			(45,430)		(181.72)
Full cost total	250.0x10 ³ t		765,362		3,061.45
For sales	250.0x10 ³ t		765,362		3,061.45

Full Cost

Cost Center: No. 1 New Bar 2.15 -MT Production 600.0 x 1,000ton

Item	Quantity	Unit Price (Rs.)	Amount (1,000 Rs.)	Unit Consumpt.	Unit Cost Rs./ton
* Cast billet	615.0x10 ³ t	2,522.04	1,551,055		2,585.10
By-product (scale)	(-) 6.1x10 ³ t	30	183		
By-product (scrap)	(-) 8.9x10 ³ t	2,030	18,067		
(By-product total)	(-) 15.0x10 ³ t		(-) 18,250)		(-) 30.42)
(Material cost)			(1,532,805)		(2,554.68)
Roll	180,000 kg	28	5,040	0.3 kg/t	8.40
Consumable			12,780		21.30
Gas	162,000x10 ⁶ kcal		19,577	270x10 ³ kcal/t	
Electricity	54,000x10 ³ kWh		26,141	90.0 kWh/t	
Industrial water	300x10 ⁶ l		372	0.5x10 ³ l/t	
(Utilities total)			(46,090)		(76.81)
(Variable cost total)			(1,586,715)		(2,661.19)
Labour cost			4,371		
Labour cost (Rep. & maint.)			6,556		
Fixed material cost			37,298		
Depre & interest			147,865		
Overhead exp.			21,563		
Traffic exp.			20,019		
(Fixed cost total)			(237,493)		(395.62)
Full cost total	600.0x10 ³ t		1,834,208		3,057.61
For sales	600.0x10 ³ t		1,834,208		3,057.61

Full Cost

Cost Center: No. 2 New Bar 2.15 -MT Production 700.0 x 1,000 ton

Item	Quantity	Unit Price (Rs.)	Amount (1,000 Rs.)	Unit Consumpt.	Unit Cost Rs./ton
* Cast billet (BT-3)	655.0x10 ³ t	2,522.04	1,651,937		
* Billet (BL-1)	55.7x10 ³ t	2,845.93	158,574		
* Billet (Ingot)	7.3x10 ³ t	3,000.42	21,903		
(Billet total)	(718.0x10 ³ t)		(1,852,414)		(2,617.74)
By-product (scale)	(-) 7.2x10 ³ t	30	(-) 216		
By-product (scrap)	(-) 10.8x10 ³ t	2,030	(-) 21,924		
(By-product total)	(-) 18.0x10 ³ t)		(-) 22,140		((-) 31.83)
(Material cost)			(1,810,274)		(2,586.11)
Roll	210,000 kg	29	5,880	0.3 kg/t	8.40
Consumables	—	—	14,910	—	21.30
Gas	189,000x10 ⁶ kcal		22,889	270x10 ³ kcal	
Electricity	63,000x10 ³ kWh		30,498	90.0 kWh/t	
Industrial water	350x10 ⁶ ℓ		433	0.5x10 ³ ℓ/t	
(Utilities total)			(53,770)		(76.81)
(Variable cost total)			(1,884,834)		(2,692.82)
Labour cost			4,370		
Labour cost (Rep. & maint.)			7,486		
Fixed material cost			45,050		
Depr. & interest			174,791		
Overhead exp.			25,400		
Traffic exp.			23,406		
(Fixed cost total)			(280,503)		(400.72)
Full cost total	700.0x10 ³ t		2,165,337		3,093.34
For sales	700.0x10 ³ t		2,165,337		3,093.34

Full Cost

Cost Center: Heavy Structural 2.15 -MT Production 250.0x 1,000 ton

Item	Quantity	Unit Price (Rs.)	Amount (1,000 Rs.)	Unit Consumpt.	Unit Cost Rs./ton
* Bloom	276.0x10 ³ t	2,845.93	785,750		3,143.00
By-product (scale)	(-) 5.4x10 ³ t	30	(-) 162		
By-product (steel scrap)	(-) 20.6x10 ³ t	2,030	(-) 41,818		
(By-product total)	(-) 26.0x10 ³ t)		(-) 41,980		((-) 167.92)
(Material cost)			(743,770)		(2,975.08)
Roll	375,000 kg	20	7,500	1.5 kg/t	30.00
Consumables	—	—	6,763	—	27.05
Gas	100,000x10 ⁶ kcal		12,084	400x10 ³ kcal/t	
Electricity	29,850x10 ³ kWh		14,353	118.6 kWh/t	
Industrial water	220x10 ⁶ ℓ		272	0.13 ℓ/t	
Steam	32,500 t		3,279		
(Utilities total)			(29,888)		(119.96)
(Variable cost total)			(788,021)		(3,152.08)
Labour cost			5,552		
Labour cost (Rep. & maint.)			4,552		
Fixed material cost			24,315		
Depr. & interest			12,843		
Overhead exp.			3,237		
Traffic exp.			10,406		
(Fixed cost total)			(61,746)		(246.89)
Full cost total	250.0x10 ³ t		848,767		3,399.07
For sales	250.0x10 ³ t		848,767		3,399.07

Full Cost

Cost Center: Gas 2.15 —MT Production 6,740,445x10⁶ kcal (distribution) 6,763,729x10⁶ kcal

Item	Quantity	Unit Price (Rs.)	Amount (1,000 Rs.)	Unit Consumpt.	Unit Cost Rs./ton
Gas	6,740,445x10 ⁶ kcal	113	761,670		113.00
Labour cost			1,089		
Labour cost (Rep. & maint.)			1,787		
Fixed material cost			11,933		
Depre. & interest			38,074		
Overhead exp.			—		
Traffic exp.			—		
(Fixed cost total)			(52,863)		(7.84)
Full cost total	6,740,445x10 ⁶ kcal		814,533		120.84

Full Cost

Cost Center: Power Plant (Own) 2.15 —MT Generation 1,041,793x10³ kWh

Item	Quantity	Unit Price (Rs.)	Amount (1,000 Rs.)	Unit Consumpt.	Unit Cost Rs./ton
Gas	2,083,586x10 ⁶ kcal		251,786		
Industrial water	6,251x10 ⁶ q		7,738		
Electricity	10,418x10 ³ kWh	0.484	5,033		
(Variable cost total)			(264,557)		(0.254)
Labour cost			3,193		
Labour cost (Rep. & maint.)			5,722		
Fixed material cost			37,808		
Depre. & interest			141,325		
Overhead exp.			—		
Traffic exp.			—		
(Fixed cost total)			(188,049)		(0.180)
Full cost total	1,041,793x10 ³ kWh		452,606		0.434

Full Cost

Cost Center: Power Distribution 2.15 —MT Distribution 990,843x10³ kWh Purchase 0 Own Generation 1,041,793x10³ kWh

Item	Quantity	Unit Price (Rs.)	Amount (1,000 Rs.)	Unit Consumpt.	Unit Cost Rs./ton
Purchased	0		0		
Own	1,041,793x10 ³ kWh	0.434	452,606		
(Variable cost total)			(452,606)		(0.457)
Labour cost			724		
Labour cost (Rep. & maint.)			837		
Fixed material cost			5,475		
Depre. & interest			20,022		
Overhead exp.			—		
Traffic exp.			—		
(Fixed cost total)			(27,058)		(0.027)
Full cost total	990,843x10 ³ kWh		479,664		0.484

Full Cost

Cost Center: Industrial Water

2.15 -MT Distribution 22,873x10⁶ ℓ

Item	Quantity	Unit Price (Rs.)	Amount (1,000 Rs.)	Unit Consumpt.	Unit Cost Rs./ton
Electricity	10,132x10 ³ kWh		4,905		
Consumables (Variable cost total)			12,900 (17,805)		(0.778)
Labour cost			887		
Labour cost (Rep. & maint.)			685		
Fixed material cost			3,263		
Depre. & interest			5,707		
Overhead exp.			---		
Traffic exp.			---		
(Fixed cost total)			(10,522)		(0.460)
Full cost total	22,873x10 ⁶ ℓ		28,327		1.238

Full Cost

Cost Center: Steam

2.15 -MT

Generation 821,374 t
Distribution 786,994 t

Item	Quantity	Unit Price (Rs.)	Amount (1,000 Rs.)	Unit Consumpt.	Unit Cost Rs./ton
Coal	179,676 t	356	63,965		
Electricity	6,325x10 ³ kWh		3,062		
Filtered water	739x10 ⁶ ℓ		986		
Steam	72,198 t	100.89	7,284		
(Variable cost total)			(74,897)		(95.17)
Labour cost			---		
Labour cost (Rep. & maint.)			482		
Fixed material cost			4,018		
Depre. & interest			---		
Overhead exp.			---		
Traffic exp.			---		
(Fixed cost total)			(4,500)		(5.72)
Full cost total	786,994 t		79,397		100.89

Full Cost

Cost Center: Filtered Water

2.15 -MT Distribution 9,409x10⁶ ℓ

Item	Quantity	Unit Price (Rs.)	Amount (1,000 Rs.)	Unit Consumpt.	Unit Cost Rs./ton
Electricity	9,270x10 ³ kWh		4,003		0.425
Labour cost			578		
Labour cost (Rep. & maint.)			392		
Fixed material cost			1,637		
Depre. & interest			853		
Overhead exp.			---		
Traffic exp.			---		
(Fixed cost total)			(3,480)		(0.368)
Full cost total	9,409x10 ⁶ ℓ		7,463		0.793

Full Cost

Cost Center: Oxygen & Nitrogen

2.15 -MT

Generation 183,944x10³ Nm³
Distribution 181,229x10³ Nm³

Item	Quantity	Unit Price (Rs.)	Amount (1,000 Rs.)	Unit Consumpt.	Unit Cost Rs./ton
Electricity	129,000x10 ³ kWh		62,448		
Industrial water	1,720x10 ⁶ ℓ		2,130		
(Variable cost total)			(64,578)		(0.356)
Labour cost			1,120		
Labour cost (Rep. & maint.)			3,280		
Fixed material cost			24,551		
Depre. & interest			90,974		
Overhead exp.			---		
Traffic exp.			---		
(Fixed cost total)			(119,925)		(0.662)
Full cost total	181,229x10 ³ Nm ³		184,503		1.018

6. Financial Analysis

- (1) Base Case
- (2) Sensitivity Analysis Case-1
- (3) Sensitivity Analysis Case-4-1

(1) Base Case

FINANCIAL STATEMENT OF BURNPUR WORKS (UNIT: LAKHS)

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(LAKHS=100,000RUPEES)

BASE CASE

	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
SALES	0	0	0	0	0	0	46,909	95,061	95,061	95,061	95,061
VARIABLE COST	0	0	0	0	0	0	24,537	49,370	49,370	49,370	49,370
MANUFACTURER COST	0	0	0	0	0	0	16,482	31,295	31,295	31,295	31,295
SELLING EXP.	0	0	0	0	0	0	8,055	18,075	18,075	18,075	18,075
EXCISE DUTY	0	0	0	0	0	0	5,457	7,461	7,461	7,461	7,461
SDF	0	0	0	0	0	0	3,696	8,473	8,473	8,473	8,473
EGEAF	0	0	0	0	0	0	860	2,038	2,038	2,038	2,038
JPC	0	0	0	0	0	0	43	102	102	102	102
FIXED COST	0	0	0	0	0	0	17,927	28,651	28,651	28,651	28,651
LABOR	0	0	0	0	0	0	3,881	3,240	3,240	3,240	3,240
DEPRECIATIONS	0	0	0	0	0	0	9,220	17,368	17,368	17,368	17,368
S.F. RELINING	0	0	0	0	0	0	203	406	406	406	406
FIXED MATERIAL	0	0	0	0	0	0	3,365	6,269	6,269	6,269	6,269
OTHER FIXED EXP.	0	0	0	0	0	0	1,259	1,368	1,368	1,368	1,368
OPERATING COST	0	0	0	0	0	0	42,465	78,021	78,021	78,021	78,021
OPERATING INCOME	0	0	0	0	0	0	4,444	17,039	17,039	17,039	17,039
INTEREST INCOME	0	0	0	0	0	0	8	32	65	97	130
INTEREST PAID	16	59	267	833	2,193	4,774	7,331	7,864	7,156	6,482	5,744
SHORT TERM LOAN	0	0	0	0	0	0	158	156	0	0	0
SDF LOAN	0	0	0	0	110	1,032	2,491	3,136	3,081	2,905	2,664
(STEP1)	0	0	0	0	110	828	1,488	1,438	1,321	1,272	1,161
(STEP2)	0	0	0	0	0	204	1,003	1,699	1,699	1,633	1,503
FOREIGN LOAN	16	59	267	833	2,083	3,741	4,685	4,572	4,075	3,577	3,080
(STEP1)	16	44	226	635	1,521	2,470	2,704	2,421	2,150	1,872	1,595
(STEP2)	0	14	41	198	562	1,271	1,980	2,145	1,925	1,705	1,485
I.D.C.	16	59	267	833	2,193	4,774	3,034	0	0	0	0
(STEP1)	16	44	226	635	1,630	3,298	0	0	0	0	0
(STEP2)	0	14	41	198	562	1,476	3,034	0	0	0	0
INCOME BEFORE TAX	0	0	0	0	0	0	155	9,208	9,949	10,654	11,425
LOSS BROUGHT FWD	0	0	0	0	0	0	0	0	0	0	0
TAXABLE INCOME	0	0	0	0	0	0	155	9,208	9,949	10,654	11,425
INCOME TAX	0	0	0	0	0	0	77	4,604	4,974	5,327	5,713
INCOME AFTER TAX	0	0	0	0	0	0	77	4,604	4,974	5,327	5,713
ACCUMULATED INCOME	0	0	0	0	0	0	77	4,681	9,656	14,983	20,695

(LAKHS=100,000RUPEES)

CASE	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
*** B / S ***											
DEPO(RELINING)	0	0	0	0	0	0	203	609	1,015	1,421	1,827
CASH-IN-HAND	0	0	0	0	0	0	391	792	792	792	792
EXCESS CASH	0	0	0	0	0	0	0	8,572	21,021	32,172	43,741
ACCT. RECEIVABLE	0	0	0	0	0	0	3,909	7,922	7,922	7,922	7,922
LIQUID ASSETS	0	0	0	0	0	0	4,503	17,895	30,750	42,307	64,282
FINISHED GOODS	0	0	0	0	0	0	1,955	3,961	3,961	3,961	3,961
WDRK-IN-PROCESS	0	0	0	0	0	0	782	1,584	1,584	1,584	1,584
MATERIALS,SUPPLIES	0	0	0	0	0	0	1,564	3,169	3,169	3,169	3,169
SPARES&STORES	0	0	0	0	0	0	3,087	5,243	5,243	5,243	5,243
CURRENT ASSETS	0	0	0	0	0	0	11,890	31,852	44,707	56,254	68,239
LAND	0	2,008	4,016	5,737	5,737	5,737	5,737	5,737	5,737	5,737	5,737
BUILDINGS	0	0	1,151	5,729	12,016	14,795	15,040	14,555	14,069	13,584	13,098
MACHINERY	0	0	13,033	44,509	115,552	178,149	185,635	171,534	157,433	143,332	129,231
VEHICLES	0	0	0	54	537	3,160	5,864	5,585	5,305	5,025	4,746
INVENTORIES	0	0	0	0	0	3,087	2,156	0	0	0	0
PRE-OPERAT. EXP.	808	2,202	3,444	4,686	5,938	7,823	8,069	7,215	6,351	5,508	4,654
W.D.C.	16	74	341	1,174	3,366	8,140	10,589	9,471	8,354	7,237	6,119
OLD PLANT	0	0	0	0	0	8,588	8,057	7,526	6,995	6,464	5,933
FIXED ASSETS	824	4,284	21,985	61,889	143,146	229,479	241,147	221,623	204,255	186,886	169,518
ASSETS TOTAL	824	4,284	21,985	61,889	143,146	229,479	253,037	253,475	248,961	243,150	237,757
ACCOUNT PAYABLE	0	0	0	0	0	0	1,955	3,961	3,961	3,961	3,961
RESERVE FOR TAX	0	0	0	0	0	0	77	4,604	4,974	5,327	5,713
SHORT LOAN	0	0	0	0	0	0	2,223	0	0	0	0
CURRENT LIABILITIES	0	0	0	0	0	0	4,255	8,565	8,935	9,288	9,674
RESERVE(RELINING)	0	0	0	0	0	0	203	609	1,015	1,421	1,827
SOE LOAN	0	0	0	0	2,740	23,069	39,206	39,206	37,824	34,808	31,792
(STEP1)	0	0	0	0	2,740	17,972	17,972	17,972	16,590	15,207	13,825
(STEP2)	0	0	0	0	0	5,097	21,234	21,234	21,234	19,601	17,967
FOREIGN LOAN	556	1,541	7,980	21,762	52,640	80,976	83,861	74,979	66,098	57,217	48,335
(STEP1)	556	1,030	7,030	15,640	38,674	49,529	44,576	39,623	34,670	29,717	24,764
(STEP2)	0	511	950	6,121	13,966	31,447	39,285	35,356	31,428	27,499	23,571
FIXED LIABILITIES	556	1,541	7,980	21,762	59,379	104,045	123,270	114,795	104,937	93,445	81,954
LIABILITIES TOTAL	556	1,541	7,980	21,762	55,379	104,045	127,525	123,359	113,872	102,733	91,628
CAPITAL STOCK	268	2,743	14,005	40,127	87,767	125,434	125,434	125,434	125,434	125,434	125,434
RETAINED EARNING	0	0	0	0	0	0	77	4,681	9,656	14,983	20,695
EQUITY	268	2,743	14,005	40,127	87,767	125,434	125,511	130,115	135,090	140,417	146,129
LTABILITY&EQUITY	824	4,284	21,985	61,889	143,146	229,479	253,037	253,475	248,961	243,150	237,757

** FINANCIAL STATEMENT OF BURNPUR WORKS (UNIT:LAKHS)

CASE BASE

(LAKHS=100,000RUPEES)

	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977
INCOME BEFORE TAX	0	0	0	0	0	0	155	9,208	9,949	10,654	11,425
DEPRECIATIONS	0	0	0	0	0	0	9,220	17,368	17,368	17,368	17,368
B.F.RELINING	0	0	0	0	0	0	203	406	406	406	406
RELEASE(RELINING)	0	0	0	0	0	0	0	0	0	0	0
CAPITAL STOCK	268	2,475	11,262	26,122	47,640	37,667	0	0	0	0	0
(STEP1)	268	2,224	11,064	16,421	31,678	0	0	0	0	0	0
(STEP2)	0	251	198	9,701	15,962	29,079	0	0	0	0	0
(OLD PLANT)	0	0	0	0	0	8,588	0	0	0	0	0
SDF LOAN	0	0	0	0	2,740	20,329	16,137	0	0	0	0
(STEP1)	0	0	0	0	2,740	15,232	0	0	0	0	0
(STEP2)	0	0	0	0	0	5,097	16,137	0	0	0	0
FOREIGN LOAN	556	986	6,439	13,782	30,878	28,336	7,837	0	0	0	0
(STEP1)	556	474	6,000	8,611	23,034	10,855	0	0	0	0	0
(STEP2)	0	511	439	5,171	7,844	17,482	7,837	0	0	0	0
SHORT LOAN	0	0	0	0	0	0	2,223	0	0	0	0
SOURCES OF FUNDS	824	3,461	17,701	39,904	81,258	86,333	35,776	26,982	27,723	28,428	29,199
INVESTMENTS	824	3,461	17,701	39,904	81,258	86,333	23,975	0	0	0	0
(STEP1 PLANT)	808	2,654	15,838	24,397	55,818	22,789	0	0	0	0	0
(I.D.C.)	16	44	226	63	1,630	3,298	0	0	0	0	0
(STEP2 PLANT)	0	748	596	14,674	23,247	50,182	20,941	0	0	0	0
(I.D.C.)	0	141	41	198	562	1,475	3,034	0	0	0	0
(OLD PLANT)	0	0	0	0	0	8,588	0	0	0	0	0
REPAY SDF	0	0	0	0	0	0	0	0	1,382	3,016	3,216
(STEP1)	0	0	0	0	0	0	0	0	1,382	1,382	1,382
(STEP2)	0	0	0	0	0	0	0	0	0	1,633	1,833
REPAY FOREIGN	0	0	0	0	0	0	4,953	8,881	8,881	8,881	8,881
(STEP1)	0	0	0	0	0	0	4,953	4,953	4,953	4,953	4,953
(STEP2)	0	0	0	0	0	0	0	3,928	3,928	3,928	3,928
B.F.RELINING EXP.	0	0	0	0	0	0	0	0	0	0	0
RESERVE(RELINING)	0	0	0	0	0	0	203	406	406	406	406
REPAY SHORT	0	0	0	0	0	0	0	2,223	0	0	0
EXCESS CASH	0	0	0	0	0	0	0	8,572	12,449	11,151	11,569
TAX	0	0	0	0	0	0	0	77	4,604	4,974	5,327
WORKING CAPITAL	0	0	0	0	0	0	6,645	6,821	0	0	0
APPLICATIONS TOTAL	824	3,461	17,701	39,904	81,258	86,333	35,776	26,982	27,723	28,428	29,199
CASHFLOW(BEF.TAX)	-808	-3,402	-17,434	-39,071	-79,065	-81,559	-13,914	27,618	34,472	34,505	34,537
CASHFLOW(AFT.TAX)	-808	-3,402	-17,434	-39,071	-79,065	-81,559	-13,914	27,541	29,868	29,530	29,210
CASHFLOW(R.O.I.E.)	-268	-2,475	-11,262	-26,122	-47,640	-37,667	0	8,572	12,449	11,151	11,569

** FINANCIAL STATEMENT OF BURNPUR WORKS (UNIT: LAKHS)

(LAKHS=100*QOORUPEES)

CASE BASE

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
*** P / L ***											
SALES	95,061	95,061	80,339	80,339	95,061	95,061	95,061	95,061	95,061	95,061	80,339
VARIABLE COST	49,370	49,370	41,523	41,523	49,370	49,370	49,370	49,370	49,370	49,370	41,523
MANUFACTUR. COST	31,295	31,295	26,294	26,294	31,295	31,295	31,295	31,295	31,295	31,295	26,294
SELLING EXP.	18,075	18,075	15,229	15,229	18,075	18,075	18,075	18,075	18,075	18,075	15,229
EXCISE DUTY	7,461	7,461	6,279	6,279	7,461	7,461	7,461	7,461	7,461	7,461	6,279
SDF	8,473	8,473	7,146	7,146	8,473	8,473	8,473	8,473	8,473	8,473	7,146
EGEAF	2,038	2,038	1,718	1,718	2,038	2,038	2,038	2,038	2,038	2,038	1,718
JPC	102	102	86	86	102	102	102	102	102	102	86
FIXED COST	28,651	28,651	28,651	28,651	28,651	27,598	26,680	26,680	18,915	12,140	12,140
LABOR	3,240	3,240	3,240	3,240	3,240	3,240	3,240	3,240	3,240	3,240	3,240
DEPRECIATIONS	17,368	17,368	17,368	17,368	17,368	16,315	15,397	15,397	7,632	857	857
B.F. RELINING	406	406	406	406	406	406	406	406	406	406	406
FIXED MATERIAL	6,269	6,269	6,269	6,269	6,269	6,269	6,269	6,269	6,269	6,269	6,269
OTHER FIXED EXP.	1,368	1,368	1,368	1,368	1,368	1,368	1,368	1,368	1,368	1,368	1,368
OPERATING COST	78,021	78,021	70,174	70,174	78,021	76,968	76,050	76,050	68,285	61,511	53,664
OPERATING INCOME	17,039	17,039	10,165	10,165	17,039	18,092	19,010	19,010	26,775	33,550	26,676
INTEREST INCOME	162	195	162	65	32	65	97	130	162	195	162
INTEREST PAID	5,005	4,267	3,528	2,789	2,051	1,381	975	734	493	251	65
SHORT TERM LOAN	0	0	0	0	0	0	0	0	0	0	0
SDF LOAN	2,423	2,423	1,940	1,699	1,458	1,216	975	734	493	251	55
(STEP1)	1,051	940	829	719	608	498	387	276	166	55	0
(STEP2)	1,372	1,241	1,111	980	849	719	588	457	327	196	55
FOREIGN LOAN	2,582	2,085	1,988	1,090	593	165	0	0	0	0	0
(STEP1)	1,317	1,040	763	485	208	0	0	0	0	0	0
(STEP2)	1,265	1,045	825	605	385	165	0	0	0	0	0
I.D.C.	0	0	0	0	0	0	0	0	0	0	0
(STEP1)	0	0	0	0	0	0	0	0	0	0	0
(STEP2)	0	0	0	0	0	0	0	0	0	0	0
INCOME BEFORE TAX	12,196	12,968	6,800	7,441	15,021	16,776	18,133	18,406	26,445	33,494	26,773
LOSS BROUGHT FWD.	0	0	0	0	0	0	0	0	0	0	0
TAXABLE INCOME	12,196	12,968	6,800	7,441	15,021	16,776	18,133	18,406	26,445	33,494	26,773
INCOME TAX	6,098	6,484	3,400	3,720	7,511	8,388	9,066	9,203	13,223	16,747	13,387
INCOME AFTER TAX	6,098	6,484	3,400	3,720	7,511	8,388	9,066	9,203	13,223	16,747	13,387
ACCUMULATED INCOME	26,794	35,277	36,677	40,398	47,908	56,296	65,363	74,566	87,738	104,535	117,922

FINANCIAL STATEMENT OF BURNPUR WORKS (UNIT: LAKHS)

(LAKHS=100,000RUPEES)

BASE

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2009
DEPRECIATION	2,233	2,639	1,421	203	609	1,015	1,421	1,827	2,233	2,639	1,421
CASH-IN-HAND	792	792	669	669	792	792	792	792	792	792	569
EXCESS CASH	55,696	66,036	75,908	85,420	100,106	118,742	140,868	162,589	184,447	202,559	213,895
ACCT. RECEIVABLE	7,922	7,922	6,695	6,695	7,922	7,922	7,922	7,922	7,922	7,922	5,695
LIQUID ASSETS	66,642	79,389	84,693	92,987	109,429	128,471	151,002	173,130	195,394	213,912	222,680
FINISHED GOODS	3,961	3,961	3,347	3,347	3,961	3,961	3,961	3,961	3,961	3,961	3,347
WORK-IN-PROCESS	1,584	1,584	1,339	1,339	1,584	1,584	1,584	1,584	1,584	1,584	1,339
MATERIALS & SUPPLIES	3,169	3,169	2,678	2,678	3,169	3,169	3,169	3,169	3,169	3,169	2,678
SPARES & STORES	5,243	5,243	5,243	5,243	5,243	5,243	5,243	5,243	5,243	5,243	5,243
CURRENT ASSETS	80,599	93,346	97,301	105,595	123,386	142,428	164,959	187,086	209,351	227,869	235,288
LAND	5,737	5,737	5,737	5,737	5,737	5,737	5,737	5,737	5,737	5,737	5,737
BUILDINGS	12,613	12,128	11,642	11,157	10,672	10,186	9,701	9,216	8,730	8,245	7,760
MACHINERY	115,130	101,029	86,928	72,827	58,726	44,625	30,524	16,423	9,648	9,648	9,648
VEHICLES	4,466	4,187	3,907	3,627	3,348	3,068	2,788	2,509	2,229	1,949	1,670
INVENTORIES	0	0	0	0	0	0	0	0	0	0	0
PRE-COPERAT. EXP.	3,800	2,947	2,093	1,239	385	0	0	0	0	0	0
I.D.C.	5,002	3,885	2,767	1,650	532	0	0	0	0	0	0
OLD PLANT	5,402	4,971	4,340	3,809	3,278	2,747	2,216	1,685	1,153	1,501	1,408
FIXED ASSETS	152,150	134,782	117,414	100,046	82,678	66,363	50,966	35,570	27,938	27,080	26,223
ASSETS TOTAL	232,750	228,128	214,715	205,641	206,064	208,791	215,926	222,656	237,282	254,949	261,511
ACCOUNT PAYABLE	3,961	3,961	3,347	3,347	3,961	3,961	3,961	3,961	3,961	3,961	3,347
RESERVE FOR TAX	6,098	6,484	3,400	3,720	7,511	8,388	9,066	9,203	13,223	16,747	15,387
SHORT LOAN	0	0	0	0	0	0	0	0	0	0	0
CURRENT LIABILITIES	10,059	10,445	6,747	7,068	11,471	12,349	13,027	13,164	17,183	20,708	16,734
RESERVE (RELINING)	2,233	2,639	1,421	203	609	1,015	1,421	1,827	2,233	2,639	1,421
SOFT LOAN	28,776	25,760	22,744	19,729	16,713	13,697	10,681	7,665	4,649	1,633	0
(STEP1)	(12,442)	(11,060)	(9,677)	(8,295)	(6,912)	(5,530)	(4,147)	(2,755)	(1,382)	(0)	(0)
(STEP2)	(16,334)	(14,701)	(13,067)	(11,434)	(9,800)	(8,167)	(6,534)	(4,900)	(3,257)	(1,633)	(0)
FOREIGN LOAN	39,454	30,573	21,691	12,810	3,928	0	0	0	0	0	0
(STEP1)	(19,812)	(14,859)	(9,906)	(4,953)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
(STEP2)	(19,642)	(15,714)	(11,785)	(7,857)	(3,928)	(0)	(0)	(0)	(0)	(0)	(0)
FIXED LIABILITIES	70,463	58,972	45,957	32,741	21,250	14,712	12,102	9,492	6,882	4,272	1,421
LIABILITIES TOTAL	80,522	69,416	52,604	39,809	32,722	27,061	25,129	22,656	24,066	24,980	19,155
CAPITAL STOCK	125,434	125,434	125,434	125,434	125,434	125,434	125,434	125,434	125,434	125,434	125,434
RETAINED EARNING	26,794	33,277	36,877	40,398	47,908	56,296	65,363	74,566	87,788	104,535	117,922
EQUITY	152,228	158,711	162,311	165,832	173,342	181,730	190,797	200,000	213,222	229,969	243,356
LIABILITY & EQUITY	232,750	228,128	214,715	205,641	206,064	208,791	215,926	222,656	237,282	254,949	261,511

CASE BASE

..(LAKHS=100,000RUPEES)

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
*** C / F ***											
INCOME BEFORE TAX	12,196	12,968	6,800	7,441	15,021	16,776	18,133	18,406	26,445	33,494	26,773
DEPRECIATIONS	17,368	17,368	17,368	17,368	17,368	16,315	15,397	15,397	7,632	857	357
B.F.RELINING	406	406	406	406	406	406	406	406	406	406	406
RELEASE(RELINING)	0	0	1,624	1,624	0	0	0	0	0	0	1,624
CAPITAL STOCK	0	0	0	0	0	0	0	0	0	0	0
(STEP1)	0	0	0	0	0	0	0	0	0	0	0
(STEP2)	0	0	0	0	0	0	0	0	0	0	0
(OLD PLANT)	0	0	0	0	0	0	0	0	0	0	0
SDF LOAN	0	0	0	0	0	0	0	0	0	0	0
(STEP1)	0	0	0	0	0	0	0	0	0	0	0
(STEP2)	0	0	0	0	0	0	0	0	0	0	0
FOREIGN LOAN	0	0	0	0	0	0	0	0	0	0	0
(STEP1)	0	0	0	0	0	0	0	0	0	0	0
(STEP2)	0	0	0	0	0	0	0	0	0	0	0
SHORT LOAN	0	0	0	0	0	0	0	0	0	0	0
SOURCES OF FUNDS	29,971	30,742	26,198	26,839	32,795	33,497	33,936	34,209	34,433	34,757	29,560
INVESTMENTS	0	0	0	0	0	0	0	0	0	0	0
(STEP1 PLANT)	0	0	0	0	0	0	0	0	0	0	0
(I.D.C.)	0	0	0	0	0	0	0	0	0	0	0
(STEP2 PLANT)	0	0	0	0	0	0	0	0	0	0	0
(I.D.C.)	0	0	0	0	0	0	0	0	0	0	0
(OLD PLANT)	0	0	0	0	0	0	0	0	0	0	0
REPAY SDF	3,016	3,016	3,016	3,016	3,015	3,015	3,016	3,015	3,016	3,016	1,633
(STEP1)	1,382	1,382	1,382	1,382	1,382	1,382	1,382	1,382	1,382	1,382	0
(STEP2)	1,633	1,633	1,633	1,633	1,633	1,633	1,633	1,633	1,633	1,633	1,633
REPAY FOREIGN	8,881	8,881	8,881	8,881	8,881	3,928	0	0	0	0	0
(STEP1)	4,953	4,953	4,953	4,953	4,953	0	0	0	0	0	0
(STEP2)	3,928	3,928	3,928	3,928	3,928	0	0	0	0	0	0
B.F.RELINING EXP.	406	406	406	406	406	406	406	406	406	406	406
RESERVE(RELINING)	0	0	0	0	0	0	0	0	0	0	0
REPAY SHORT	0	0	0	0	0	0	0	0	0	0	0
EXCESS CASH	11,955	12,340	7,872	9,512	14,686	18,635	22,126	21,721	21,859	18,112	11,336
TAX	5,713	6,098	6,484	3,400	3,720	7,511	8,388	9,066	9,203	13,223	16,747
WORKING CAPITAL	0	0	-2,085	0	2,085	0	0	0	0	0	-2,085
APPLICATIONS TOTAL	29,971	30,742	26,198	26,839	32,795	33,497	33,936	34,209	34,433	34,757	29,660

CASHFLOW(DEF.TAX)	34,570	34,602	29,781	27,598	32,354	34,472	34,505	34,537	34,570	34,602	29,781
CASHFLOW(AFT.TAX)	28,857	29,504	23,297	24,190	25,634	26,962	26,117	25,471	25,266	21,380	13,034
CASHFLOW(R.O.B.)	11,955	12,340	7,872	9,512	14,686	18,636	22,126	21,721	21,858	18,112	11,336

FINANCIAL STATEMENT OF BURNPUR WORKS (UNIT: LAKHS)
 (LAKHS=100,000RUPEES)

CASE BASE

2009	2010	2011	2012	TOTAL
80,339	95,061	95,061	95,061	1,794,176
41,523	49,370	49,370	49,370	931,184
26,294	31,295	31,295	31,295	591,086
15,229	18,075	18,075	18,075	340,098
6,279	7,461	7,461	7,461	140,494
7,146	8,473	8,473	8,473	159,379
1,718	2,038	2,038	2,038	38,309
86	102	102	102	1,915
12,140	12,140	12,140	12,140	448,503
3,240	3,240	3,240	3,240	65,437
857	857	857	857	225,417
406	406	406	406	7,917
6,269	6,269	6,269	6,269	122,485
1,368	1,368	1,368	1,368	27,247
53,664	61,511	61,511	61,511	1,379,686
26,676	33,550	33,550	33,550	414,490
65	32	65	97	2,022
0	0	0	0	64,256
0	0	0	0	311
0	0	0	0	28,855
0	0	0	0	13,159
0	0	0	0	15,656
0	0	0	0	35,090
0	0	0	0	19,472
0	0	0	0	15,617
0	0	0	0	11,174
0	0	0	0	5,849
0	0	0	0	5,325
26,741	33,582	33,615	33,647	363,429
26,741	33,582	33,615	33,647	363,429
13,370	16,791	16,807	16,824	181,715
13,370	16,791	16,807	16,824	181,715
131,292	148,083	164,891	181,715	

FINANCIAL STATEMENT OF BURNPUR WORKS (UNIT:LAKHS)

(LAKHS=100,000RUPEES)

CASE BASE

2009	2010	2011	2012	TOTAL
203	609	1,015	1,421	
669	792	792	792	
229,107	247,090	264,771	282,469	
6,695	7,922	7,922	7,922	
235,674	256,413	274,500	292,603	
3,347	3,961	3,961	3,961	
1,339	1,584	1,584	1,584	
2,678	3,169	3,169	3,169	
5,243	5,243	5,243	5,243	
248,281	270,370	288,467	306,560	
5,737	5,737	5,737	5,737	
7,274	6,789	6,304	5,818	
9,648	9,648	9,648	9,648	
1,390	1,111	831	551	
0	0	0	0	
0	0	0	0	
0	0	0	0	
1,316	1,224	1,132	1,039	
25,366	24,508	23,651	22,794	
273,647	294,879	312,108	329,354	
3,347	3,961	3,961	3,961	
13,370	16,791	16,807	16,824	
0	0	0	0	
16,718	20,752	20,768	20,785	
203	609	1,015	1,421	
0	0	0	0	
0	0	0	0	
0	0	0	0	
0	0	0	0	
0	0	0	0	
0	0	0	0	
0	0	0	0	
0	0	0	0	
0	0	0	0	
203	609	1,015	1,421	
16,921	21,361	21,783	22,206	
125,434	125,434	125,434	125,434	
131,292	148,083	164,891	181,715	
256,726	273,517	290,325	307,149	
273,647	294,879	312,108	329,354	

FINANCIAL STATEMENT OF BURNPUR WORKS (UNIT: LAKHS)

(ILLAKHS=100,000RUPEES)

CASE BASE

	2009	2010	2011	2012	TOTAL
*** C / F ***					
INCOME BEFORE TAX	26,741	33,582	33,615	33,647	363,429
DEPRECIATIONS	857	857	857	857	225,417
B.F.RELINING	406	406	406	406	7,917
RELEASE(RELINING)	1,624	0	0	0	6,496
CAPITAL STOCK	0	0	0	0	125,434
(STEP1)	0	0	0	0	61,652
(STEP2)	0	0	0	0	55,194
(OLD PLANT)	0	0	0	0	8,588
SDF LOAN	0	0	0	0	39,206
(STEP1)	0	0	0	0	17,972
(STEP2)	0	0	0	0	21,234
FOREIGN LOAN	0	0	0	0	88,614
(STEP1)	0	0	0	0	49,529
(STEP2)	0	0	0	0	39,285
SHORT LOAN	0	0	0	0	2,223
SOURCES OF FUNDS	29,628	34,846	34,878	34,911	858,936
INVESTMENTS	0	0	0	0	253,454
(STEP1 PLANT)	0	0	0	0	123,304
(I.D.C.)	0	0	0	0	5,849
(STEP2 PLANT)	0	0	0	0	110,388
(I.D.C.)	0	0	0	0	5,325
(OLD PLANT)	0	0	0	0	8,588
REPAY SDF	0	0	0	0	39,206
(STEP1)	0	0	0	0	17,972
(STEP2)	0	0	0	0	21,234
REPAY FOREIGN	0	0	0	0	88,614
(STEP1)	0	0	0	0	49,529
(STEP2)	0	0	0	0	39,285
B.F.RELINING EXP.	1,624	0	0	0	6,496
RESERVE(RELINING)	406	406	406	406	7,917
REPAY SHORT	0	0	0	0	2,223
EXCESS CASH	14,212	19,984	17,681	17,697	282,469
TAX	13,387	13,370	16,791	16,807	164,891
WORKING CAPITAL	0	2,085	0	0	13,467
APPLICATIONS TOTAL	29,628	34,846	34,878	34,911	858,936

CASHFLOW(BEF.TAX)	27,598	32,154	34,472	34,472	77,429	429,107
CASHFLOW(AFT.TAX)	14,212	18,984	17,681	17,698	43,798	247,392
CASHFLOW(R.O.B.)	14,212	18,984	17,681	17,681	42,377	181,715

FINANCIAL STATEMENT OF BURNPUR WORKS (UNIT=LAKHS)

(LAKHS=100,000RUPEES)

CASE BASE

	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
DETAILS											
PRICE (RS/TON)											
HSM BILLET	0	0	0	0	0	0	3940	3940	3940	3940	3940
HSM JOISTS	0	0	0	0	0	0	6360	6360	6360	6360	6360
HSM ANGLES	0	0	0	0	0	0	5990	5990	5990	5990	5990
MERCHANT	0	0	0	0	0	0	4600	4600	4600	4600	4600
NEW BAR 1	0	0	0	0	0	0	4680	4680	4680	4680	4680
NEW BAR 2	0	0	0	0	0	0	4600	4600	4600	4600	4600
BLACK PLATE	0	0	0	0	0	0	7335	7335	7335	7335	7335
GALVANIZED	0	0	0	0	0	0	11190	11190	11190	11190	11190
PILLET	0	0	0	0	0	0	3940	3940	3940	3940	3940
PIG IRON	0	0	0	0	0	0	2620	2620	2620	2620	2620
LUMP COKE	0	0	0	0	0	0	1409	1409	1409	1409	1409

VOLUME (1000TON)

HSM BILLET	0.00	0.00	0.00	0.00	0.00	0.00	100.00	100.00	100.00	100.00	100.00
HSM JOISTS	0.00	0.00	0.00	0.00	0.00	0.00	75.00	75.00	75.00	75.00	75.00
HSM ANGLES	0.00	0.00	0.00	0.00	0.00	0.00	75.00	75.00	75.00	75.00	75.00
MERCHANT	0.00	0.00	0.00	0.00	0.00	0.00	250.00	250.00	250.00	250.00	250.00
NEW BAR 1	0.00	0.00	0.00	0.00	0.00	0.00	254.00	600.00	600.00	600.00	600.00
NEW BAR 2	0.00	0.00	0.00	0.00	0.00	0.00	700.00	700.00	700.00	700.00	700.00
BLACK PLATE	0.00	0.00	0.00	0.00	0.00	0.00	70.00	0.00	0.00	0.00	0.00
GALVANIZED	0.00	0.00	0.00	0.00	0.00	0.00	30.00	0.00	0.00	0.00	0.00
PILLET	0.00	0.00	0.00	0.00	0.00	0.00	5.50	238.50	238.50	238.50	238.50
PIG IRON	0.00	0.00	0.00	0.00	0.00	0.00	39.30	26.00	26.00	26.00	26.00
LUMP COKE	0.00	0.00	0.00	0.00	0.00	0.00	41.00	0.00	0.00	0.00	0.00

SALES

HSM BILLET	0	0	0	0	0	0	3,940	3,940	3,940	3,940	3,940
HSM JOISTS	0	0	0	0	0	0	4,770	4,770	4,770	4,770	4,770
HSM ANGLES	0	0	0	0	0	0	4,492	4,492	4,492	4,492	4,492
MERCHANT	0	0	0	0	0	0	11,500	11,500	11,500	11,500	11,500
NEW BAR 1	0	0	0	0	0	0	11,887	28,080	28,080	28,080	28,080
NEW BAR 2	0	0	0	0	0	0	0	32,200	32,200	32,200	32,200
BLACK PLATE	0	0	0	0	0	0	5,135	0	0	0	0
GALVANIZED	0	0	0	0	0	0	3,357	0	0	0	0
PILLET	0	0	0	0	0	0	221	9,397	9,397	9,397	9,397
PIG IRON	0	0	0	0	0	0	1,030	681	681	681	681
LUMP COKE	0	0	0	0	0	0	578	0	0	0	0
REVENUE	0	0	0	0	0	0	46,909	95,061	95,061	95,061	95,061

** FINANCIAL STATEMENT OF BURNPUR WORKS (UNIT: LAKHS)

(LAKHS=100,000RUPEES)

CASE BASE

	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
DETAILS											
EXCISE DUTY(RS/TON)											
HSM RILLET	0	0	0	0	0	0	365	365	365	365	365
HSM JOISTS	0	0	0	0	0	0	365	365	365	365	365
HSM ANGLES	0	0	0	0	0	0	365	365	365	365	365
MERCHANT	0	0	0	0	0	0	365	365	365	365	365
NEW BAR 1	0	0	0	0	0	0	365	365	365	365	365
NEW BAR 2	0	0	0	0	0	0	365	365	365	365	365
BLACK PLATE	0	0	0	0	0	0	500	500	500	500	500
GALVANIZED	0	0	0	0	0	0	935	935	935	935	935
RILLET	0	0	0	0	0	0	365	365	365	365	365
PIG IRON	0	0	0	0	0	0	80	80	80	80	80
LUMP COKE	0	0	0	0	0	0	54	54	54	54	54
EXCISE DUTY	0	0	0	0	0	0	3,457	7,461	7,461	7,461	7,461
SDF (RS/TON)											
HSM RILLET	0	0	0	0	0	0	450	450	450	450	450
HSM JOISTS	0	0	0	0	0	0	500	500	500	500	500
HSM ANGLES	0	0	0	0	0	0	500	500	500	500	500
MERCHANT	0	0	0	0	0	0	400	400	400	400	400
NEW BAR 1	0	0	0	0	0	0	400	400	400	400	400
NEW BAR 2	0	0	0	0	0	0	400	400	400	400	400
BLACK PLATE	0	0	0	0	0	0	500	500	500	500	500
GALVANIZED	0	0	0	0	0	0	350	350	350	350	350
RILLET	0	0	0	0	0	0	450	450	450	450	450
PIG IRON	0	0	0	0	0	0	0	0	0	0	0
SDF	0	0	0	0	0	0	3,696	8,473	8,473	8,473	8,473

(LAKHS=100*000RUPEES)

CASE BASE

ITEM	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
EGENF	0	0	0	0	0	0	860	2,038	2,038	2,038	2,038
JPC (RS/TON)	0	0	0	0	0	0	5	5	5	5	5
HSM RILLET	0	0	0	0	0	0	5	5	5	5	5
HSM JOISTS	0	0	0	0	0	0	5	5	5	5	5
HSM ANGLES	0	0	0	0	0	0	5	5	5	5	5
MERCHANT	0	0	0	0	0	0	5	5	5	5	5
NEW BAR 1	0	0	0	0	0	0	5	5	5	5	5
NEW BAR 2	0	0	0	0	0	0	5	5	5	5	5
BLACK PLATE	0	0	0	0	0	0	5	5	5	5	5
GALVANIZED	0	0	0	0	0	0	5	5	5	5	5
RILLET	0	0	0	0	0	0	5	5	5	5	5
PIG IRON	0	0	0	0	0	0	0	0	0	0	0

ITEM	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
EGENF	0	0	0	0	0	0	43	102	102	102	102
JPC (RS/TON)	0	0	0	0	0	0	1690	1587	1587	1587	1587
HSM RILLET	0	0	0	0	0	0	1690	1587	1587	1587	1587
HSM JOISTS	0	0	0	0	0	0	1690	1587	1587	1587	1587
HSM ANGLES	0	0	0	0	0	0	1841	1555	1555	1555	1555
MERCHANT	0	0	0	0	0	0	1648	1488	1488	1488	1488
NEW BAR 1	0	0	0	0	0	0	1690	1494	1494	1494	1494
NEW BAR 2	0	0	0	0	0	0	1941	0	0	0	0
BLACK PLATE	0	0	0	0	0	0	4193	0	0	0	0
GALVANIZED	0	0	0	0	0	0	1705	1615	1615	1615	1615
RILLET	0	0	0	0	0	0	849	775	775	775	775
PIG IRON	0	0	0	0	0	0	1022	0	0	0	0

ITEM	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
MANUFACTURING COST (RS/TON)	0	0	0	0	0	0	16,482	31,295	31,295	31,295	31,295
HSM RILLET	0	0	0	0	0	0	16,482	31,295	31,295	31,295	31,295
HSM JOISTS	0	0	0	0	0	0	16,482	31,295	31,295	31,295	31,295
HSM ANGLES	0	0	0	0	0	0	16,482	31,295	31,295	31,295	31,295
MERCHANT	0	0	0	0	0	0	16,482	31,295	31,295	31,295	31,295
NEW BAR 1	0	0	0	0	0	0	16,482	31,295	31,295	31,295	31,295
NEW BAR 2	0	0	0	0	0	0	16,482	31,295	31,295	31,295	31,295
BLACK PLATE	0	0	0	0	0	0	16,482	31,295	31,295	31,295	31,295
GALVANIZED	0	0	0	0	0	0	16,482	31,295	31,295	31,295	31,295
RILLET	0	0	0	0	0	0	16,482	31,295	31,295	31,295	31,295
PIG IRON	0	0	0	0	0	0	16,482	31,295	31,295	31,295	31,295
LUMP COKE	0	0	0	0	0	0	16,482	31,295	31,295	31,295	31,295

FINANCIAL STATEMENT OF BURNPUR WORKS (UNIT:LAKHS)

(LAKHS=100,000RUPEES)

CASE BASE

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
DETAILS											
PRICE (PSYDN)											
HSM BILLET	3940	3940	3940	3940	3940	3940	3940	3940	3940	3940	3940
HSM JOISTS	6360	6360	6360	6360	6360	6360	6360	6360	6360	6360	6360
HSM ANGLES	5990	5990	5990	5990	5990	5990	5990	5990	5990	5990	5990
MERCHANT	4600	4600	4600	4600	4600	4600	4600	4600	4600	4600	4600
NEW BAR 1	4680	4680	4680	4680	4680	4680	4680	4680	4680	4680	4680
NEW BAR 2	4600	4600	4600	4600	4600	4600	4600	4600	4600	4600	4600
BLACK PLATE	7335	7335	7335	7335	7335	7335	7335	7335	7335	7335	7335
GALVANIZED	11190	11190	11190	11190	11190	11190	11190	11190	11190	11190	11190
RILLET	3940	3940	3940	3940	3940	3940	3940	3940	3940	3940	3940
PIG IRON	2620	2620	2620	2620	2620	2620	2620	2620	2620	2620	2620
LUMP COKE	1409	1409	1409	1409	1409	1409	1409	1409	1409	1409	1409

VOLUME (1000TON)

HSM BILLET	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
HSM JOISTS	75.00	75.00	75.00	75.00	75.00	75.00	75.00	75.00	75.00	75.00	75.00
HSM ANGLES	75.00	75.00	75.00	75.00	75.00	75.00	75.00	75.00	75.00	75.00	75.00
MERCHANT	250.00	250.00	248.00	250.00	250.00	250.00	250.00	250.00	250.00	250.00	243.00
NEW BAR 1	600.00	600.00	372.00	372.00	600.00	600.00	600.00	600.00	600.00	600.00	372.00
NEW BAR 2	700.00	700.00	700.00	700.00	700.00	700.00	700.00	700.00	700.00	700.00	700.00
BLACK PLATE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GALVANIZED	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RILLET	238.50	238.50	148.00	148.00	238.50	238.50	238.50	238.50	238.50	238.50	148.00
PIG IRON	26.00	26.00	11.00	11.00	26.00	26.00	26.00	26.00	26.00	26.00	11.00
LUMP COKE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

SALES

HSM BILLET	3,940	3,940	3,940	3,940	3,940	3,940	3,940	3,940	3,940	3,940	3,940
HSM JOISTS	4,770	4,770	4,770	4,770	4,770	4,770	4,770	4,770	4,770	4,770	4,770
HSM ANGLES	4,492	4,492	4,492	4,492	4,492	4,492	4,492	4,492	4,492	4,492	4,492
MERCHANT	11,500	11,500	11,408	11,500	11,500	11,500	11,500	11,500	11,500	11,500	11,408
NEW BAR 1	28,080	28,080	17,410	17,410	28,080	28,080	28,080	28,080	28,080	28,080	17,410
NEW BAR 2	32,200	32,200	32,200	32,200	32,200	32,200	32,200	32,200	32,200	32,200	32,200
BLACK PLATE	0	0	0	0	0	0	0	0	0	0	0
GALVANIZED	0	0	0	0	0	0	0	0	0	0	0
RILLET	9,397	9,397	5,831	5,831	9,397	9,397	9,397	9,397	9,397	9,397	5,831
PIG IRON	681	681	288	288	681	681	681	681	681	681	288
LUMP COKE	0	0	0	0	0	0	0	0	0	0	0
REVENUE	95,061	95,061	80,339	80,339	95,061	95,061	95,061	95,061	95,061	95,061	80,339

FINANCIAL STATEMENT OF BURNPUR WORKS (UNIT:LAKHS)

ILLAKHS=100.000RUPEES)

CASE BASE

	1998	1999	2000	2001	2002	2003	2004	2005	2005	2007	2008
DETAILS											
EXCISE DUTY(RS/TON)											
HSM BILLET	365	365	365	365	365	365	365	365	365	365	365
HSM JOISTS	365	365	365	365	365	365	365	365	365	365	365
HSM ANGLES	365	365	365	365	365	365	365	365	365	365	365
MERCHANT	365	365	365	365	365	365	365	365	365	365	365
NEW BAR 1	365	365	365	365	365	365	365	365	365	365	365
NEW BAR 2	365	365	365	365	365	365	365	365	365	365	365
BLACK PLATE	500	500	500	500	500	500	500	500	500	500	500
GALVANIZED	935	935	935	935	935	935	935	935	935	935	935
BILLET	365	365	365	365	365	365	365	365	365	365	365
PIG IRON	80	80	80	80	80	80	80	80	80	80	80
LUMP COKE	54	54	54	54	54	54	54	54	54	54	54

EXCISE DUTY	7,461	7,461	6,279	6,279	7,461	7,461	7,461	7,461	7,461	7,461	6,279
SDF (RS/TON)											
HSM BILLET	450	450	450	450	450	450	450	450	450	450	450
HSM JOISTS	500	500	500	500	500	500	500	500	500	500	500
HSM ANGLES	500	500	500	500	500	500	500	500	500	500	500
MERCHANT	400	400	400	400	400	400	400	400	400	400	400
NEW BAR 1	400	400	400	400	400	400	400	400	400	400	400
NEW BAR 2	400	400	400	400	400	400	400	400	400	400	400
BLACK PLATE	500	500	500	500	500	500	500	500	500	500	500
GALVANIZED	350	350	350	350	350	350	350	350	350	350	350
BILLET	450	450	450	450	450	450	450	450	450	450	450
PIG IRON	0	0	0	0	0	0	0	0	0	0	0

SDF	8,473	8,473	7,146	7,146	8,473	8,473	8,473	8,473	8,473	8,473	7,146

FINANCIAL STATEMENT OF BURNPUR WORKS (UNIT: LAKHS)

CASE BASE (LAKHS=100,000RUPEES)

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
===== ***DETAILS*** EGEAF (RS/TON) HSM BILLET	100	100	100	100	100	100	100	100	100	100	100
HSM JOISTS	100	100	100	100	100	100	100	100	100	100	100
HSM ANGLES	100	100	100	100	100	100	100	100	100	100	100
MERCHANT	100	100	100	100	100	100	100	100	100	100	100
NEW BAR 1	100	100	100	100	100	100	100	100	100	100	100
NEW BAR 2	100	100	100	100	100	100	100	100	100	100	100
BLACK PLATE	100	100	100	100	100	100	100	100	100	100	100
GALVANIZED	100	100	100	100	100	100	100	100	100	100	100
BILLET	100	100	100	100	100	100	100	100	100	100	100
PIG IRON	0	0	0	0	0	0	0	0	0	0	0
===== 2,038 2,038 1,718 1,718 2,038 2,038 2,038 2,038 2,038 2,038 2,038 1,718 ===== JPC (RS/TON) HSM BILLET	5	5	5	5	5	5	5	5	5	5	5
HSM JOISTS	5	5	5	5	5	5	5	5	5	5	5
HSM ANGLES	5	5	5	5	5	5	5	5	5	5	5
MERCHANT	5	5	5	5	5	5	5	5	5	5	5
NEW BAR 1	5	5	5	5	5	5	5	5	5	5	5
NEW BAR 2	5	5	5	5	5	5	5	5	5	5	5
BLACK PLATE	5	5	5	5	5	5	5	5	5	5	5
GALVANIZED	5	5	5	5	5	5	5	5	5	5	5
BILLET	5	5	5	5	5	5	5	5	5	5	5
PIG IRON	0	0	0	0	0	0	0	0	0	0	0
===== 102 102 86 86 102 102 102 102 102 102 102 86 ===== MANUFACTURING COST (RS/TON) HSM BILLET	1587	1587	1587	1587	1587	1587	1587	1587	1587	1587	1587
HSM JOISTS	1587	1587	1587	1587	1587	1587	1587	1587	1587	1587	1587
HSM ANGLES	1587	1587	1587	1587	1587	1587	1587	1587	1587	1587	1587
MERCHANT	1555	1555	1555	1555	1555	1555	1555	1555	1555	1555	1555
NEW BAR 1	1488	1488	1488	1488	1488	1488	1488	1488	1488	1488	1488
NEW BAR 2	1494	1494	1494	1494	1494	1494	1494	1494	1494	1494	1494
BLACK PLATE	0	0	0	0	0	0	0	0	0	0	0
GALVANIZED	0	0	0	0	0	0	0	0	0	0	0
BILLET	1615	1615	1615	1615	1615	1615	1615	1615	1615	1615	1615
PIG IRON	775	775	775	775	775	775	775	775	775	775	775
LUMP COKE	0	0	0	0	0	0	0	0	0	0	0
===== 31,295 31,295 26,294 26,294 31,295 31,295 31,295 31,295 31,295 31,295 31,295 26,294 ===== MANUFACTURING COST											

FINANCIAL STATEMENT OF BURNPUR WORKS (UNIT:LAKHS)

(LAKHS=100.000RUPEES)

CASE BASE

2009 2010 2011 2012 TOTAL

DETAILS

	2009	2010	2011	2012	TOTAL
HSM BILLET	3940	3940	3940	3940	3940
HSM JOISTS	6360	6360	6360	6360	6360
HSM ANGLES	5990	5990	5990	5990	5990
MERCHANT	4600	4600	4600	4600	4600
NEW BAR 1	4680	4680	4680	4680	4680
NEW BAR 2	4600	4600	4600	4600	4600
BLACK PLATE	7335	7335	7335	7335	7335
GALVANIZED	11190	11190	11190	11190	11190
RILLET	3940	3940	3940	3940	3940
PIG IRON	2620	2620	2620	2620	2620
LUMP COKE	1409	1409	1409	1409	1409

VOLUME (1000TON)

HSM BILLET	100.00	100.00	100.00	100.00	2000.00
HSM JOISTS	75.00	75.00	75.00	75.00	1500.00
HSM ANGLES	75.00	75.00	75.00	75.00	1500.00
MERCHANT	248.00	250.00	250.00	250.00	492.00
NEW BAR 1	372.00	600.00	600.00	600.00	1072.00
NEW BAR 2	700.00	700.00	700.00	700.00	1300.00
BLACK PLATE	0.00	0.00	0.00	0.00	0.00
GALVANIZED	0.00	0.00	0.00	0.00	0.00
RILLET	148.00	238.50	238.50	238.50	415.10
PIG IRON	11.00	26.00	26.00	26.00	473.30
LUMP COKE	0.00	0.00	0.00	0.00	41.00

SALES

HSM BILLET	3,940	3,940	3,940	3,940	79,800
HSM JOISTS	4,770	4,770	4,770	4,770	95,400
HSM ANGLES	4,492	4,492	4,492	4,492	89,850
MERCHANT	11,408	11,500	11,500	11,500	229,632
NEW BAR 1	17,410	28,080	28,080	28,080	502,726
NEW BAR 2	32,200	32,200	32,200	32,200	611,800
BLACK PLATE	0	0	0	0	5,135
GALVANIZED	0	0	0	0	3,357
RILLET	5,231	9,397	9,397	9,397	154,499
PIG IRON	288	681	681	681	12,400
LUMP COKE	0	0	0	0	573

REVENUE

	60,339	95,061	95,061	95,061	1,794,176
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** FINANCIAL STATEMENT OF BURNPUR WORKS (UNIT:LAKHS) (LAKHS=100,000RUPEES)

CASE	BASE	2009	2010	2011	2012	TOTAL
DETAILS						
EXCISE DUTY(RS/TON)						
HSM BILLET		365	365	365	365	365
HSM JOISTS		365	365	365	365	365
HSM ANGLES		365	365	365	365	365
MERCHANT		365	365	365	365	365
NEW BAR 1		365	365	365	365	365
NEW BAR 2		365	365	365	365	365
BLACK PLATE		500	500	500	500	500
GALVANIZED		935	935	935	935	935
BILLET		365	365	365	365	365
PIG IRON		80	80	80	80	80
LUMP COKE		54	54	54	54	54
EXCISE DUTY		6,279	7,461	7,461	7,461	140,494
SDF (RS/TON)						
HSM BILLET		450	450	450	450	450
HSM JOISTS		500	500	500	500	500
HSM ANGLES		500	500	500	500	500
MERCHANT		400	400	400	400	400
NEW BAR 1		400	400	400	400	400
NEW BAR 2		400	400	400	400	400
BLACK PLATE		500	500	500	500	500
GALVANIZED		350	350	350	350	350
BILLET		450	450	450	450	450
PIG IRON		0	0	0	0	0
SDF		7,146	8,473	8,473	8,473	159,179

FINANCIAL STATEMENT OF BURNPUR WORKS (UNIT:LAKHS)

(LAKHS=100,000RUPEES)

CASE 345E

TOTAL

DETAILS

EGEAF (RS/TON)

	2009	2010	2011	2012	TOTAL
HSM BILLET	100	100	100	100	400
HSM JOISTS	100	100	100	100	400
HSM ANGLES	100	100	100	100	400
MERCHANT	100	100	100	100	400
NEW BAR 1	100	100	100	100	400
NEW BAR 2	100	100	100	100	400
BLACK PLATE	100	100	100	100	400
GALVANIZED	100	100	100	100	400
BILLET	100	100	100	100	400
PIG IRON	0	0	0	0	0
EGEAF	1,718	2,038	2,038	2,038	38,309

JPC (RS/TON)

HSM BILLET	5	5	5	5	20
HSM JOISTS	5	5	5	5	20
HSM ANGLES	5	5	5	5	20
MERCHANT	5	5	5	5	20
NEW BAR 1	5	5	5	5	20
NEW BAR 2	5	5	5	5	20
BLACK PLATE	5	5	5	5	20
GALVANIZED	5	5	5	5	20
BILLET	5	5	5	5	20
PIG IRON	0	0	0	0	0
JPC	86	102	102	102	1,915

MANUFACTURING COST (RS/TON)

HSM BILLET	1587	1587	1587	1587	6358
HSM JOISTS	1587	1587	1587	1587	6358
HSM ANGLES	1587	1587	1587	1587	6358
MERCHANT	1555	1555	1555	1555	6225
NEW BAR 1	1488	1488	1488	1488	5912
NEW BAR 2	1494	1494	1494	1494	5986
BLACK PLATE	0	0	0	0	0
GALVANIZED	0	0	0	0	0
BILLET	1615	1615	1615	1615	6460
PIG IRON	775	775	775	775	3100
LUMP COKE	0	0	0	0	0
MANUFACTURING COST	26,294	31,295	31,295	31,295	591,086

(ILAKHS=100,000RUPEES)

**

CASE BASE

STEP1	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
BUILDING	0	0	0	0	0	0	287	287	287	287	287
MACHINERY	0	0	0	0	0	0	7,326	7,326	7,326	7,326	7,326
VEHICLES	0	0	0	0	0	0	23	23	23	23	23
PRE-OP(ENGIN.)	0	0	0	0	0	0	385	385	385	385	385
(TRAIN.)	0	0	0	0	0	0	25	25	25	25	25
(TECH.AS)	0	0	0	0	0	0	39	39	39	39	39
(PREPAR.)	0	0	0	0	0	0	19	19	19	19	19
STEP2											
BUILDING	0	0	0	0	0	0	0	198	198	198	198
MACHINERY	0	0	0	0	0	0	0	6,775	6,775	6,775	6,775
VEHICLES	0	0	0	0	0	0	0	257	257	257	257
PRE-OP(ENGIN.)	0	0	0	0	0	0	0	355	355	355	355
(TRAIN.)	0	0	0	0	0	0	0	5	5	5	5
(TECH.AS)	0	0	0	0	0	0	0	8	8	8	8
(PREPAR.)	0	0	0	0	0	0	0	18	18	18	18
OLD PLANT											
BLOG(9,10,12,13)	0	0	0	0	0	0	57	57	57	57	57
VEHICLES (11)	0	0	0	0	0	0	35	35	35	35	35
MACHINERY,OVEN	0	0	0	0	0	0	439	439	439	439	439
I.D.C.											
STEP1	0	0	0	0	0	0	585	585	585	585	585
STEP2	0	0	0	0	0	0	0	532	532	532	532
1.LAND	0	0	0	0	0	0	0	0	0	0	0
2.BUILDINGS	0	0	0	0	0	0	287	485	485	485	485
3.MACHINERY	0	0	0	0	0	0	7,326	14,101	14,101	14,101	14,101
4.VEHICLES	0	0	0	0	0	0	23	280	280	280	280
5.INVENTORIES	0	0	0	0	0	0	0	0	0	0	0
6.PRE-OPENING	0	0	0	0	0	0	468	854	854	854	854
7.I.D.C.	0	0	0	0	0	0	585	1,117	1,117	1,117	1,117
OLD PLANT	0	0	0	0	0	0	531	531	531	531	531
TOTAL DEPRECIATION	0	0	0	0	0	0	9,220	17,368	17,368	17,368	17,368

(ALL AMOUNTS IN MILLIONS OF DOLLARS)

CASE BASE

1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008

***** DEPRECIATION DETAILS *****

STEP1	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
BUILDING	287	287	287	287	287	287	297	287	287	287	287
MACHINERY	7,326	7,326	7,326	7,326	7,326	7,326	7,326	7,326	0	0	0
VEHICLES	23	23	23	23	23	23	23	23	23	23	23
PRE-OP(ENGIN.)	385	385	385	385	385	0	0	0	0	0	0
(TRAIN.)	25	25	25	25	25	0	0	0	0	0	0
(TECH.AS)	39	39	39	39	39	0	0	0	0	0	0
(PREPAR.)	19	19	19	19	19	0	0	0	0	0	0

STEP2

BUILDING	198	198	198	198	198	198	198	198	198	198	198
MACHINERY	6,775	6,775	6,775	6,775	6,775	6,775	6,775	6,775	6,775	6,775	6,775
VEHICLES	257	257	257	257	257	257	257	257	257	257	257
PRE-OP(ENGIN.)	355	355	355	355	355	0	0	0	0	0	0
(TRAIN.)	5	5	5	5	5	0	0	0	0	0	0
(TECH.AS)	8	8	8	8	8	0	0	0	0	0	0
(PREPAR.)	18	18	18	18	18	0	0	0	0	0	0

OLD PLANT

BLDG(9,10,12,13)	57	57	57	57	57	57	57	57	57	57	57
VEHICLES (11)	35	35	35	35	35	35	35	35	35	35	35
MACHINERY,OVEN	439	439	439	439	439	439	439	439	0	0	0

I.D.C.

STEP1	585	585	585	585	585	0	0	0	0	0	0
STEP2	532	532	532	532	532	532	0	0	0	0	0
1-LAND	0	0	0	0	0	0	0	0	0	0	0
2-BUILDINGS	485	485	485	485	485	485	485	485	485	485	485
3-MACHINERY	14,101	14,101	14,101	14,101	14,101	14,101	14,101	14,101	6,775	0	0
4-VEHICLES	280	280	280	280	280	280	280	280	280	280	280
5-INVENTORIES	0	0	0	0	0	0	0	0	0	0	0
6-PRE-OPENING	854	854	854	854	854	385	0	0	0	0	0
7-I.D.C.	1,117	1,117	1,117	1,117	1,117	532	0	0	0	0	0
OLD PLANT	931	931	931	931	931	531	531	531	92	92	92
TOTAL DEPRECIATION	17,368	17,368	17,368	17,368	17,368	16,315	15,397	15,397	7,632	857	857

(LAKHS=100,000RUPEES)

CASE BASE

TOTAL

2010 2011 2012

2009

***** DEPRECIATION DETAILS *****

STEP1	2009	2010	2011	2012	TOTAL
BUILDING	287	287	287	287	5,742
MACHINERY	0	0	0	0	95,241
VEHICLES	23	23	23	23	433
PRE-OP (ENGIN.)	0	0	0	0	3,846
(TRAIN.)	0	0	0	0	254
(TECH.AS)	0	0	0	0	391
(PREPAR.)	0	0	0	0	192

STEP2	198	198	198	198	3,767
BUILDING	198	198	198	198	3,767
MACHINERY	0	0	0	0	88,072
VEHICLES	267	267	257	257	4,883
PRE-OP (ENGIN.)	0	0	0	0	3,550
(TRAIN.)	0	0	0	0	46
(TECH.AS)	0	0	0	0	80
(PREPAR.)	0	0	0	0	178

OLD PLANT	57	57	57	57	1,148
BLDG(9,10,12,13)	57	57	57	57	1,148
VEHICLES (11)	35	35	35	35	688
MACHINERY,OVEN	0	0	0	0	5,703

T.D.C.	0	0	0	0	5,849
STEP1	0	0	0	0	5,849
STEP2	0	0	0	0	5,325

1.LAND	0	0	0	0	0
2.BUILDINGS	485	485	485	485	9,509
3.MACHINERY	0	0	0	0	183,313
4.VEHICLES	280	280	280	280	5,336
5.INVENTORIES	0	0	0	0	0
6.PRE-OPENING	0	0	0	0	8,537
7.T.D.C.	0	0	0	0	11,174
OLD PLANT	92	92	92	92	7,549

TOTAL DEPRECIATION	857	857	857	857	225,417
TOTAL DEPRECIATION	857	857	857	857	225,417

87/02/13

CASE BASE

(114KHS=100.000RUPEES)

I.R.R. (447) = 9.845 %

	CASH-FLOW	DIS	CASH-FLOW
0	0.000		0.000
1	-808.000		-735.582
2	-3402.000		-2819.509
3	-17434.000		-13153.935
4	-38071.000		-26836.925
5	-79065.000		-49440.408
6	-81559.000		-46428.928
7	-13913.682		-7210.725
8	27518.310		13030.274
9	34472.239		14806.264
10	34304.719		13491.929
11	34537.199		12294.255
12	34569.679		11202.888
13	34602.159		10208.394
14	29781.160		7998.626
15	27598.230		6747.992
16	32354.270		7201.857
17	34472.239		6985.571
18	34504.719		6365.470
19	34537.199		5800.410
20	34569.679		5285.505
21	34602.159		4816.304
22	29781.160		3773.739
23	27598.230		3183.692
24	32354.270		3397.824
25	34472.239		3295.781
26	77429.478		6739.299
TOTAL	420106.628		0.000

87/02/13

CASE BASE

I.R.R. (448) = 7.112 %

(1 LAKHS=100,000RUPEES)

	CASH-FLOW	DIS	CASH-FLOW
0	0.000		0.000
1	-808.000		-754.354
2	-3402.000		-2965.251
3	-17434.000		-14186.906
4	-39071.000		-29683.064
5	-79065.000		-56079.228
6	-81559.000		-54007.390
7	-13313.682		-8601.752
8	27540.833		15895.913
9	29562.367		16094.720
10	29530.456		14856.134
11	29210.062		13719.286
12	28556.989		12653.586
13	24503.917		11668.921
14	23297.364		8904.232
15	24198.367		8634.542
16	28638.815		9538.850
17	26941.707		8385.476
18	26116.709		7583.372
19	25470.874		6904.803
20	25266.480		6419.943
21	21379.618		5051.664
22	13034.373		2875.334
23	14211.703		2926.899
24	18983.795		3650.129
25	17681.000		3173.917
26	43798.278		7340.224
TOTAL	247392.034		0.000

87/02/13
CASE BASE
I-R-R. (440) = 7.253 %

(11 LAKHS=100,000RUPEES)

	CASH-FLOW	DIS	CASH-FLOW
0	0.000		0.000
1	-268.000		-249.876
2	-2475.000		-2151.568
3	-11262.000		-9128.202
4	-26122.000		-19740.859
5	-47640.000		-33567.676
6	-37667.000		-24745.741
7	0.000		0.000
8	9372.256		4895.695
9	12448.842		6628.848
10	11150.837		5536.133
11	11569.057		5355.338
12	11954.610		5159.579
13	12340.162		4965.805
14	7872.235		2953.634
15	9511.862		3327.470
16	14685.935		4790.050
17	18635.998		5667.363
18	22125.738		6273.589
19	21721.172		5742.374
20	21958.047		5387.775
21	18112.454		4162.606
22	11335.644		2428.981
23	14211.703		2839.317
24	18983.795		3536.232
25	17581.000		3070.820
26	4237.278		6862.314
TOTAL	181714.624		0.002

(2) Sensitivity Analysis Case-1

FINANCIAL STATEMENT OF BURNPUR WORKS (UNIT: LAKHS)

CASE 1 : OPERATION DOWN '93..80%, '94..65%, '95..84%

	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
SALES	0	0	0	0	0	0	37,527	61,789	79,851	95,061	95,061
VARIABLE COST	0	0	0	0	0	0	19,630	32,091	41,471	49,370	49,370
MANUFACTURER COST	0	0	0	0	0	0	13,185	20,342	26,288	31,295	31,295
SELLING EXP.	0	0	0	0	0	0	6,444	11,749	15,183	18,075	18,075
EXCISE DUTY	0	0	0	0	0	0	2,765	4,850	6,268	7,461	7,461
SDF	0	0	0	0	0	0	2,957	5,508	7,118	8,473	8,473
EGEARF	0	0	0	0	0	0	688	1,325	1,712	2,038	2,038
JPC	0	0	0	0	0	0	34	66	86	102	102
FIXED COST	0	0	0	0	0	0	17,927	29,651	28,651	28,651	28,651
LABOR	0	0	0	0	0	0	3,881	3,240	3,240	3,240	3,240
DEPRECIATIONS	0	0	0	0	0	0	9,220	17,368	17,368	17,368	17,368
S.F.RELINING	0	0	0	0	0	0	203	406	406	406	406
FIXED MATERIAL	0	0	0	0	0	0	3,365	6,269	6,269	6,269	6,269
OTHER FIXED EXP.	0	0	0	0	0	0	1,259	1,368	1,368	1,368	1,368
OPERATING COST	0	0	0	0	0	0	37,557	60,742	70,122	78,021	78,021
OPERATING INCOME	0	0	0	0	0	0	-50	1,048	9,729	17,039	17,039
INTEREST INCOME	0	0	0	0	0	0	8	32	65	97	130
INTEREST PAID	16	59	267	833	2,193	4,774	7,568	8,671	7,841	6,598	5,744
SHORT TERM LOAN	0	0	0	0	0	0	392	963	686	115	0
SDF LOAN	0	0	0	0	110	1,032	2,491	3,136	3,081	2,905	2,664
(STEP1)	0	0	0	0	110	828	1,438	1,438	1,382	1,272	1,161
(STEP2)	0	0	0	0	0	204	1,053	1,699	1,699	1,633	1,503
FOREIGN LOAN	16	59	267	833	2,083	3,741	4,685	4,572	4,075	3,577	3,080
(STEP1)	16	44	226	635	1,521	2,470	2,704	2,427	2,150	1,872	1,595
(STEP2)	0	14	41	198	562	1,272	1,980	2,145	1,925	1,705	1,485
I.D.C.	16	59	267	833	2,193	4,774	3,034	0	0	0	0
(STEP1)	16	44	226	635	1,630	3,298	0	0	0	0	0
(STEP2)	0	14	41	198	562	1,475	3,034	0	0	0	0
INCOME BEFORE TAX	0	0	0	0	0	0	-4,556	-7,591	1,952	10,539	11,425
LOSS BROUGHT FWD.	0	0	0	0	0	0	-4,556	-4,556	-12,147	-10,195	0
TAXABLE INCOME	0	0	0	0	0	0	-4,556	-12,147	-10,195	344	11,425
INCOME TAX	0	0	0	0	0	0	0	0	0	172	5,713
INCOME AFTER TAX	0	0	0	0	0	0	-4,556	-7,591	1,952	10,367	5,713
ACCUMULATED INCOME	0	0	0	0	0	0	-4,556	-12,147	-10,195	172	5,895

FINANCIAL STATEMENT OF BURNPUR WORKS (UNIT: LAKHS)

CASE I (OPERATION DOWN '93..80%, '94..65%, '95..84%)

	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
DEP(RELINING)	0	0	0	0	0	0	203	609	1,015	1,421	1,827
CASH-IN-HAND	0	0	0	0	0	0	313	515	665	792	792
EXCESS CASH	0	0	0	0	0	0	0	0	0	12,206	28,930
ACCT. RECEIVABLE	0	0	0	0	0	0	3,127	5,149	6,654	7,922	7,922
LIQUID ASSETS	0	0	0	0	0	0	3,643	6,273	8,335	22,341	39,471
FINISHED GOODS	0	0	0	0	0	0	1,564	2,575	3,327	3,961	3,961
WORK-IN-PROCESS	0	0	0	0	0	0	625	1,030	1,331	1,584	1,584
MATERIALS,SUPPLIES	0	0	0	0	0	0	1,251	2,060	2,652	3,169	3,169
SPARES&STORES	0	0	0	0	0	0	3,087	5,243	5,243	5,243	5,243
CURRENT ASSETS	0	0	0	0	0	0	10,170	17,180	20,897	36,298	52,428
LAND	0	2,008	4,016	5,737	5,737	5,737	5,737	5,737	5,737	5,737	5,737
BUILDINGS	0	0	1,151	5,729	12,016	14,795	15,040	14,555	14,069	13,584	13,098
MACHINERY	0	0	13,033	44,509	115,552	178,149	185,635	171,534	157,433	143,332	129,231
VEHICLES	0	0	0	54	537	3,160	5,854	5,585	5,305	5,025	4,746
INVENTORIES	0	0	0	0	0	0	2,156	0	0	0	0
PRE-OPERAT. EXP.	808	2,202	3,444	4,686	5,938	7,823	8,069	7,215	6,361	5,308	4,654
7.1.D.C.	16	74	341	1,174	3,366	8,140	10,589	9,471	8,354	7,237	6,119
OLD PLANT	0	0	0	0	0	0	8,037	7,526	6,995	6,464	5,933
FIXED ASSETS	824	4,284	21,985	61,889	143,146	229,479	241,147	221,623	204,255	186,886	169,518
ASSETS TOTAL	824	4,284	21,985	61,889	143,146	229,479	251,317	238,803	225,152	223,185	222,947
ACCOUNT PAYABLE	0	0	0	0	0	0	1,864	2,575	3,327	3,961	3,961
RESERVE FOR TAX	0	0	0	0	0	0	0	0	0	172	5,713
SHORT LOAN	0	0	0	0	0	0	5,605	9,147	1,649	0	0
CURRENT LIABILITIES	0	0	0	0	0	0	7,169	10,721	4,976	4,133	9,674
RESERVE(RELINING)	0	0	0	0	0	0	203	609	1,015	1,421	1,827
SDF LOAN	0	0	0	0	2,740	23,069	39,206	39,206	37,824	34,808	31,792
(STEP1)	0	0	0	0	0	17,972	17,972	17,972	16,590	15,207	13,825
(STEP2)	0	0	0	0	0	5,097	21,234	21,234	21,234	19,601	17,967
FOREIGN LOAN	556	1,541	7,980	21,762	52,040	80,276	83,861	74,979	66,098	57,217	48,335
(STEP1)	556	1,030	7,030	15,640	39,674	49,529	44,576	39,623	34,670	29,717	24,764
(STEP2)	0	511	950	6,121	13,966	31,447	39,285	35,356	31,428	27,499	23,571
FIXED LIABILITIES	556	1,541	7,980	21,762	55,379	104,045	123,270	114,795	104,937	93,445	81,954
LIABILITIES TOTAL	556	1,541	7,980	21,762	55,379	104,045	130,439	125,516	109,913	97,578	91,629
CAPITAL STOCK	268	2,743	14,005	40,127	87,767	125,434	125,434	125,434	125,434	125,434	125,434
RETAINED EARNING	0	0	0	0	0	0	-4,556	-12,147	-10,195	172	5,885
EQUITY	268	2,743	14,005	40,127	87,767	125,434	120,878	113,287	115,239	125,606	131,319
LIABILITY&EQUITY	824	4,284	21,985	61,889	143,146	229,479	251,317	238,803	225,152	223,185	222,947

FINANCIAL STATEMENT OF BURNPUR WORKS (UNIT:LAKHS)

CASE 1 (OPERATION DOWN '93..80% , '94..65% , '95..64%)

	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
INCOME BEFORE TAX	0	0	0	0	0	0	-4,556	-7,591	1,952	10,539	11,425
DEPRECIATIONS	0	0	0	0	0	0	9,220	17,368	17,368	17,368	17,358
B.F.RELINING	0	0	0	0	0	0	203	406	406	406	406
RELEASE(RELINING)	0	0	0	0	0	0	0	0	0	0	0
CAPITAL STOCK	268	2,475	11,252	26,122	47,640	37,667	0	0	0	0	0
(STEP1)	268	2,224	11,064	16,421	31,675	0	0	0	0	0	0
(STEP2)	0	251	198	9,701	15,965	29,079	0	0	0	0	0
(OLD PLANT)	0	0	0	0	0	6,588	0	0	0	0	0
SDF LOAN	0	0	0	0	2,740	20,329	16,137	0	0	0	0
(STEP1)	0	0	0	0	2,740	15,232	0	0	0	0	0
(STEP2)	0	0	0	0	0	5,097	16,137	0	0	0	0
FOREIGN LOAN	556	986	6,439	13,782	30,878	28,336	7,837	0	0	0	0
(STEP1)	474	474	6,000	8,611	23,034	10,955	0	0	0	0	0
(STEP2)	0	511	439	5,171	7,844	17,482	7,837	0	0	0	0
SHORT LDAN	0	0	0	0	0	0	5,605	9,147	1,649	0	0
SOURCES OF FUNDS	824	3,461	17,701	39,904	81,258	86,333	34,447	18,330	21,375	28,312	29,199
INVESTMENTS	824	3,461	17,701	39,904	81,258	86,333	23,975	0	0	0	0
(STEP1 PLANT)	16	2,654	16,838	24,397	55,818	22,789	0	0	0	0	0
(I.D.C.)	0	44	226	635	1,630	3,298	0	0	0	0	0
(STEP2 PLANT)	0	748	596	14,674	23,277	50,182	20,941	0	0	0	0
(I.D.C.)	0	14	41	198	562	1,475	0	0	0	0	0
(OLD PLANT)	0	0	0	0	0	8,588	0	0	0	0	0
REPAY SDF	0	0	0	0	0	0	0	0	1,382	3,015	3,015
(STEP1)	0	0	0	0	0	0	0	0	1,382	1,382	1,382
(STEP2)	0	0	0	0	0	0	0	0	0	0	0
REPAY FOREIGN	0	0	0	0	0	0	4,953	8,881	8,891	8,881	8,881
(STEP1)	0	0	0	0	0	0	4,953	4,953	4,953	4,953	4,953
(STEP2)	0	0	0	0	0	0	0	3,928	3,928	3,928	3,928
9.F.RELINING EXP.	0	0	0	0	0	0	0	0	0	0	0
RESERVE(RELINING)	0	0	0	0	0	0	203	406	406	406	406
REPAY SHORT	0	0	0	0	0	0	0	5,605	2,147	1,649	0
EXCESS CASH	0	0	0	0	0	0	0	0	0	12,206	16,724
TAX	0	0	0	0	0	0	0	0	0	0	172
WORKING CAPITAL	0	0	0	0	0	0	5,316	3,437	2,559	2,155	0
APPLICATIONS TOTAL	824	3,461	17,701	39,904	81,258	86,333	34,447	18,330	21,375	28,312	29,199

CASHFLOW(BEF.TAX)	-808	-3,402	-17,434	-39,071	-79,065	-31,559	-17,059	15,011	24,603	32,350	34,537
CASHFLOW(AFT.TAX)	-808	-3,402	-17,434	-39,071	-79,065	-81,559	-17,059	15,011	24,603	32,350	34,537
CASHFLOW(R.O.E.)	-268	-2,475	-11,252	-26,122	-47,640	-37,667	0	0	0	0	0

FINANCIAL STATEMENT OF BURNPUR WORKS (UNIT: LAKHS)

CASE 1 (OPERATION DOWN '93..80% , '94..65% , '95..84%)

APP P / L	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
SALES	95,061	95,061	80,339	80,339	95,061	95,061	95,061	95,061	95,061	95,061	80,339
VARIABLE COST	49,370	49,370	41,523	41,523	49,370	49,370	49,370	49,370	49,370	49,370	41,523
MANUFACTURING COST	31,295	31,295	26,294	26,294	31,295	31,295	31,295	31,295	31,295	31,295	26,294
SELLING EXP.	18,075	18,075	15,229	15,229	18,075	18,075	18,075	18,075	18,075	18,075	15,229
EXCISE DUTY	7,461	7,461	6,279	6,279	7,461	7,461	7,461	7,461	7,461	7,461	6,279
SOF	8,473	8,473	7,146	7,146	8,473	8,473	8,473	8,473	8,473	8,473	7,146
EGEAF	2,038	2,038	1,718	1,718	2,038	2,038	2,038	2,038	2,038	2,038	1,718
JPC	102	102	86	86	102	102	102	102	102	102	86
FIXED COST	29,651	28,651	28,651	28,651	28,651	27,598	26,680	26,680	18,915	12,140	12,140
LABOR	3,240	3,240	3,240	3,240	3,240	3,240	3,240	3,240	3,240	3,240	3,240
DEPRECIATIONS	17,368	17,368	17,368	17,368	17,368	16,315	15,397	15,397	7,632	857	857
W.F. RELINING	406	406	406	406	406	406	406	406	406	406	406
FIXED MATERIAL	6,269	6,269	6,269	6,269	6,269	6,269	6,269	6,269	6,269	6,269	6,269
OTHER FIXED EXP.	1,368	1,368	1,368	1,368	1,368	1,368	1,368	1,368	1,368	1,368	1,368
OPERATING COST	78,021	78,021	70,174	70,174	78,021	76,968	76,050	76,050	68,235	61,511	53,664
OPERATING INCOME	17,039	17,039	10,165	10,165	17,039	18,092	19,010	19,010	26,775	33,550	26,675
INTEREST INCOME	162	195	162	65	32	65	97	130	162	195	162
INTEREST PAID	5,005	4,267	3,528	2,789	2,105	1,381	975	734	493	251	65
SHORT TERM LOAN	0	0	0	0	0	0	0	0	0	0	0
SOF LOAN	2,423	2,181	1,940	1,699	1,458	1,216	975	734	493	251	65
(STEP1)	(1,051)	(940)	(829)	(717)	(608)	(498)	(387)	(276)	(166)	(55)	(0)
(STEP2)	(1,372)	(1,241)	(1,111)	(980)	(849)	(719)	(588)	(457)	(327)	(196)	(65)
FOREIGN LOAN	2,582	2,035	1,588	1,090	593	165	0	0	0	0	0
(STEP1)	(1,317)	(1,050)	(763)	(485)	(208)	(0)	(0)	(0)	(0)	(0)	(0)
(STEP2)	(1,265)	(1,085)	(825)	(605)	(385)	(165)	(0)	(0)	(0)	(0)	(0)
I.D.C.	0	0	0	0	0	0	0	0	0	0	0
(STEP1)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
(STEP2)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
INCOME BEFORE TAX	12,196	12,196	6,900	7,441	15,021	16,776	18,133	19,406	26,445	33,494	26,773
LOSS BROUGHT FWD.	0	0	0	0	0	0	0	0	0	0	0
TAXABLE INCOME	12,196	12,196	6,900	7,441	15,021	16,776	18,133	19,406	26,445	33,494	26,773
INCOME TAX	5,096	6,484	3,400	3,720	7,511	8,388	9,066	9,203	13,223	16,747	13,387
INCOME AFTER TAX	6,109	6,484	3,400	3,720	7,511	9,388	9,066	9,203	13,223	16,747	13,387
ACCUMULATED INCOME	11,983	18,467	21,867	25,587	33,098	41,486	50,562	59,755	72,978	89,725	103,111

CASE 1 (OPERATION DOWN '93..80% , '94..65% , '95..84%)

8 / S	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
DEPOSIT (REFINING)	2,233	2,639	1,421	203	609	1,015	1,421	1,827	2,233	2,639	1,421
CASH-IN-HAND	792	792	689	689	792	792	792	792	792	792	689
EXCESS CASH	40,885	53,225	61,097	70,809	85,295	103,931	126,067	147,778	159,636	187,749	199,084
ACCT. RECEIVABLE	7,922	7,922	6,695	6,695	7,922	7,922	7,922	7,922	7,922	7,922	6,695
LIQUID ASSETS	51,832	64,578	69,883	78,177	94,618	113,660	136,192	158,319	180,583	199,101	207,870
FINISHED GOODS	3,961	3,961	3,347	3,347	3,961	3,961	3,961	3,961	3,961	3,961	3,347
WORK-IN-PROCESS	1,584	1,584	1,339	1,339	1,584	1,584	1,584	1,584	1,584	1,584	1,339
MATERIALS & SUPPLIES	3,169	3,169	2,678	2,678	3,169	3,169	3,169	3,169	3,169	3,169	2,678
SPARES & STORES	5,243	5,243	5,243	5,243	5,243	5,243	5,243	5,243	5,243	5,243	5,243
CURRENT ASSETS	65,789	78,535	82,490	90,784	108,575	127,617	150,149	172,276	194,540	213,058	220,477
1. LAND	5,737	5,737	5,737	5,737	5,737	5,737	5,737	5,737	5,737	5,737	5,737
2. BUILDINGS	12,613	12,129	11,642	11,157	10,672	10,186	9,701	9,216	8,730	8,245	7,750
3. MACHINERY	115,130	101,029	86,929	72,827	58,726	44,625	30,524	16,423	9,648	9,648	9,648
4. VEHICLES	4,466	4,187	3,907	3,627	3,348	3,068	2,788	2,509	2,229	1,949	1,670
5. INVENTORIES	0	0	0	0	0	0	0	0	0	0	0
6. PRE-OPERAT. EXP.	3,800	2,947	2,093	1,239	385	0	0	0	0	0	0
7. I.S.C.	5,002	3,885	2,767	1,660	532	0	0	0	0	0	0
OLD PLANT	5,402	4,371	4,340	3,809	3,278	2,747	2,216	1,685	1,153	1,501	1,408
FIXED ASSETS	152,150	134,782	117,414	100,046	82,678	66,363	50,966	35,570	27,938	27,080	26,223
ASSETS TOTAL	217,939	213,317	199,905	190,830	191,253	193,980	201,115	207,845	222,477	240,139	246,700
ACCOUNT PAYABLE	3,961	3,961	3,347	3,347	3,961	3,961	3,961	3,961	3,961	3,961	3,347
RESERVE FOR TAX	6,098	6,484	3,400	3,720	7,511	8,358	9,066	9,203	13,223	16,747	13,387
SHORT LOAN	0	0	0	0	0	0	0	0	0	0	0
CURRENT LIABILITIES	10,059	10,445	6,747	7,068	11,471	12,319	13,027	13,164	17,183	20,708	16,734
RESERVE (REFINING)	2,233	2,639	1,421	203	609	1,015	1,421	1,827	2,233	2,639	1,421
SOFT LOAN	28,776	25,760	22,744	19,729	16,713	13,697	10,681	7,665	4,649	1,633	0
(STEP1)	(12,442)	(11,060)	(9,677)	(8,295)	(6,912)	(5,530)	(4,147)	(2,765)	(1,382)	(0)	(0)
(STEP2)	(16,334)	(14,701)	(13,067)	(11,434)	(9,800)	(8,167)	(6,534)	(4,900)	(3,267)	(1,633)	(0)
FOREIGN LOAN	39,454	30,573	21,691	12,810	3,928	0	0	0	0	0	0
(STEP1)	(19,812)	(14,959)	(9,906)	(4,993)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
(STEP2)	(19,642)	(15,714)	(11,785)	(7,817)	(3,928)	(0)	(0)	(0)	(0)	(0)	(0)
FIXED LIABILITIES	70,463	58,972	45,857	32,741	21,250	14,712	12,102	9,492	6,892	4,272	1,421
LIABILITIES TOTAL	80,522	69,416	52,604	39,809	32,722	27,061	25,129	22,655	24,056	24,980	18,155
CAPITAL STOCK	125,434	125,434	125,434	125,434	125,434	125,434	125,434	125,434	125,434	125,434	125,434
RETAINED EARNING	41,983	18,467	21,867	25,567	33,095	41,486	50,552	59,755	72,978	89,725	103,111
EQUITY	137,417	143,901	147,301	151,021	158,532	166,920	175,986	185,189	198,412	215,159	228,545
LIABILITY & EQUITY	217,939	213,317	199,905	190,830	191,253	193,980	201,115	207,845	222,477	240,139	246,700

CASE 1 (OPERATION DOWN '93..80% , '94..65% , '95..84%)

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
*** C / F ***											
INCOME BEFORE TAX	12,196	12,968	6,800	7,441	15,021	16,776	18,133	18,406	26,445	33,494	26,773
DEPRECIATIONS	17,368	17,368	17,368	17,368	17,368	16,315	15,397	15,397	7,632	857	857
B.F. RELINING	406	406	406	406	406	406	406	406	406	406	406
RELEASE(RELINING)	0	0	1,624	1,624	0	0	0	0	0	0	1,624
CAPITAL STOCK	0	0	0	0	0	0	0	0	0	0	0
(STEP1)	0	0	0	0	0	0	0	0	0	0	0
(STEP2)	0	0	0	0	0	0	0	0	0	0	0
(OLD PLANT)	0	0	0	0	0	0	0	0	0	0	0
SDF LOAN	0	0	0	0	0	0	0	0	0	0	0
(STEP1)	0	0	0	0	0	0	0	0	0	0	0
(STEP2)	0	0	0	0	0	0	0	0	0	0	0
FOREIGN LOAN	0	0	0	0	0	0	0	0	0	0	0
(STEP1)	0	0	0	0	0	0	0	0	0	0	0
(STEP2)	0	0	0	0	0	0	0	0	0	0	0
SHORT LOAN	0	0	0	0	0	0	0	0	0	0	0

SOURCES OF FUNDS

INVESTMENTS	29,971	30,742	26,198	26,839	32,795	33,497	33,936	34,209	34,483	34,757	29,660
(STEP1 PLANT)	0	0	0	0	0	0	0	0	0	0	0
(I.D.C.)	0	0	0	0	0	0	0	0	0	0	0
(STEP2 PLANT)	0	0	0	0	0	0	0	0	0	0	0
(I.D.C.)	0	0	0	0	0	0	0	0	0	0	0
(OLD PLANT)	0	0	0	0	0	0	0	0	0	0	0
REPAY SDF	3,016	3,016	3,016	3,016	3,016	3,016	3,016	3,016	3,016	3,016	1,633
(STEP1)	1,382	1,382	1,382	1,382	1,382	1,382	1,382	1,382	1,382	1,382	0
(STEP2)	1,633	1,633	1,633	1,633	1,633	1,633	1,633	1,633	1,633	1,633	1,633
REPAY FOREIGN	9,881	9,881	9,881	9,881	9,881	9,928	0	0	0	0	0
(STEP1)	4,953	4,953	4,953	4,953	4,953	0	0	0	0	0	0
(STEP2)	3,928	3,928	3,928	3,928	3,928	3,928	0	0	0	0	0
B.F. RELINING EXP.	0	0	1,624	1,624	0	0	0	0	0	0	1,624
RESERVE(RELINING)	406	406	406	406	406	406	406	406	406	406	406
REPAY SHORT	0	0	0	0	0	0	0	0	0	0	0
EXCESS CASH	11,955	12,340	7,872	9,512	14,686	18,636	22,126	21,721	21,858	18,112	11,336
Tax	5,713	6,098	6,484	3,400	3,720	7,511	8,388	9,056	9,203	13,223	16,747
WORKING CAPITAL	0	0	-2,085	0	2,085	0	0	0	0	0	-2,085
APPLICATIONS TOTAL	29,971	30,742	26,198	26,839	32,795	33,497	33,936	34,209	34,483	34,757	29,660

CASHFLOW (REF. TAX)	34,570	34,602	29,781	27,598	32,354	34,472	34,505	34,537	34,570	34,602	29,791
CASHFLOW (APT. TAX)	28,857	28,504	23,297	24,198	28,634	26,962	26,117	25,471	25,366	21,380	13,034
CASHFLOW (R.O.E.)	11,955	12,340	7,872	9,512	14,686	18,636	22,126	21,721	21,858	18,112	11,336

FINANCIAL STATEMENT OF BURNPUR WORKS (UNIT: LAKHS)

CASE 1 (OPERATION DOWN '93..80% , '94..65% , '95..84%)

	2009	2010	2011	2012	TOTAL
SALES	80,339	95,061	95,061	95,061	1,735,313
VARIABLE COST	41,523	49,370	49,370	49,370	901,097
MANUFACTUR.COST	26,294	31,295	31,295	31,295	571,829
SELLING EXP.	15,229	18,075	18,075	18,075	329,269
EXCISE DUTY	6,279	7,461	7,461	7,461	135,998
SDF	7,146	8,473	8,473	8,473	154,318
SG&AF	1,718	2,038	2,038	2,038	37,098
JPC	86	102	102	102	1,955
FIXED COST	12,140	12,140	12,140	12,140	448,503
LABOR	3,240	3,240	3,240	3,240	65,437
DEPRECIATIONS	857	857	857	857	225,417
B.F. RELINING	406	406	406	406	7,917
FIXED MATERIAL	5,269	6,269	6,269	6,269	122,485
OTHER FIXED EXP.	1,368	1,368	1,368	1,368	27,247
OPERATING COST	53,664	61,511	61,511	61,511	1,349,600
OPERATING INCOME	26,676	33,550	33,550	33,550	386,714
INTEREST INCOME	65	32	65	97	2,022
INTEREST PAID	0	0	0	0	66,101
SHORT TERM LOAN	0	0	0	0	2,156
SDF LOAN	0	0	0	0	23,655
(STEP1)	0	0	0	0	13,159
(STEP2)	0	0	0	0	10,496
FOREIGN LOAN	0	0	0	0	35,090
(STEP1)	0	0	0	0	19,472
(STEP2)	0	0	0	0	15,617
I.D.C.	0	0	0	0	11,174
(STEP1)	0	0	0	0	5,849
(STEP2)	0	0	0	0	5,325
INCOME BEFORE TAX	26,741	33,582	33,615	33,647	333,808
LOSS BROUGHT FWD.	0	0	0	0	-25,898
TAXABLE INCOME	26,741	33,582	33,615	33,647	308,910
INCOME TAX	13,370	16,791	16,807	16,824	166,904
INCOME AFTER TAX	13,370	16,791	16,807	16,824	166,904
ACCUMULATED INCOME	116,482	133,273	150,080	166,904	

FINANCIAL STATEMENT OF BURNPUR WORKS (UNIT: LAKHS)

CASE 1 (OPERATION DOWN '93..80% , '94..65% , '95..84%)

Sl. No	2009	2010	2011	2012	TOTAL
DEP.(RELINING)	203	609	1,015	1,421	
CASH-IN-HAND	669	792	792	792	
EXCESS CASH	213,896	232,280	249,961	267,658	
ACCT. RECEIVABLE	6,695	7,922	7,922	7,922	
LIQUID ASSETS	220,863	241,603	259,690	277,793	
FINISHED GOODS	3,347	3,961	3,961	3,961	
WDRK-IN-PROCESS	1,339	1,584	1,584	1,584	
MATERIALS,SUPPLIES	2,678	3,169	3,169	3,169	
SPARES&STORES	5,243	5,243	5,243	5,243	
CURRENT ASSETS	233,671	255,559	273,646	291,750	
1.LAND	5,737	5,737	5,737	5,737	
2.BUILDINGS	7,274	6,789	6,304	5,818	
3.MACHINERY	9,648	9,648	9,648	9,648	
4.VEHICLES	1,390	1,111	831	551	
5.INVENTORIES	0	0	0	0	
6.PRE-OPERAT. EXP.	0	0	0	0	
7.F.D.C.	0	0	0	0	
OLD PLANT	1,916	1,224	1,132	1,039	
FIXED ASSETS	25,966	24,508	23,651	22,794	
ASSETS TOTAL	258,836	280,068	277,298	314,544	
ACCOUNT PAYABLE	3,347	3,961	3,961	3,961	
RESERVE FOR TAX	13,370	16,791	16,807	16,824	
SHORT LOAN	0	0	0	0	
CURRENT LIABILITIES	16,718	20,752	20,768	20,785	
RESERVE(RELINING)	203	609	1,015	1,421	
SDF LOAN	0	0	0	0	
(STEP1)	0	0	0	0	
(STEP2)	0	0	0	0	
FDSEIGN LOAN	0	0	0	0	
(STEP1)	0	0	0	0	
(STEP2)	0	0	0	0	
FIXED LIABILITIES	203	609	1,015	1,421	
LIABILITIES TOTAL	16,921	21,361	21,783	22,206	
CAPITAL STOCK	125,434	125,434	125,434	125,434	
RETAINED EARNING	116,682	133,273	150,080	166,904	
EQUITY	241,916	258,707	275,514	292,338	
LIABILITYSECURITY	258,836	280,068	297,298	314,544	

FINANCIAL STATEMENT OF BURNPUR WORKS (UNIT: LAKHS)

CASE 1 (OPERATION DOWN '93..80% , '94..65% , '95..84%)

	2009	2010	2011	2012	TOTAL
INCOME BEFORE TAX	26,741	33,582	33,615	33,647	333,808
DEPRECIATIONS	857	857	857	897	225,417
B-F-RELINING	406	406	406	406	7,917
RELEASE(RELINING)	1,624	0	0	0	6,496
CAPITAL STOCK	0	0	0	0	125,434
(STEP1)	0	0	0	0	61,692
(STEP2)	0	0	0	0	55,194
(OLD PLANT)	0	0	0	0	8,589
SDF LOAN	0	0	0	0	39,206
(STEP1)	0	0	0	0	17,972
(STEP2)	0	0	0	0	21,234
FOREIGN LOAN	0	0	0	0	88,814
(STEP1)	0	0	0	0	49,529
(STEP2)	0	0	0	0	39,285
SHORT LOAN	0	0	0	0	15,401
SOURCES OF FUNDS	29,628	34,846	34,873	34,911	842,492
INVESTMENTS	0	0	0	0	259,454
(STEP1 PLANT)	0	0	0	0	123,304
(I.D.C.)	0	0	0	0	5,849
(STEP2 PLANT)	0	0	0	0	110,389
(I.D.C.)	0	0	0	0	5,325
(OLD PLANT)	0	0	0	0	8,588
REPAY SDF	0	0	0	0	39,206
(STEP1)	0	0	0	0	17,972
(STEP2)	0	0	0	0	21,234
REPAY FOREIGN	0	0	0	0	88,814
(STEP1)	0	0	0	0	49,529
(STEP2)	0	0	0	0	39,285
B-F-RELINING EXP.	1,624	0	0	0	6,496
RESERVE(RELINING)	406	406	406	406	7,917
REPAY SHORT	0	0	0	0	15,401
EXCESS CASH	14,212	18,984	17,691	17,697	267,658
TAX	13,387	13,370	16,791	16,807	150,080
WORKING CAPITAL	0	2,085	0	0	13,467
APPLICATIONS TOTAL	29,628	34,846	34,878	34,911	842,492

CASHFLOW (BEF. TAX)	27,598	32,354	34,472	77,429	401,930
CASHFLOW (AFT. TAX)	14,212	18,984	17,691	43,799	234,426
CASHFLOW (R.O.E.)	14,212	18,984	17,691	42,377	166,904

87/02/13
CASE 1 (OPERATION DOWN '93..80% , '94..65% , '95..84%)

I.R.R. (47) = 8.895 %

	CASH-FLOW	DIS	CASH-FLOW
0	0.000		0.000
1	-608.000		-742.002
2	-3402.000		-2868.943
3	-17434.000		-13501.393
4	-39071.000		-27786.247
5	-79065.000		-51636.105
6	-81559.000		-48914.198
7	-17058.974		-9395.281
8	15011.015		7592.080
9	24603.069		11427.043
10	32350.012		13797.896
11	34337.199		1327.557
12	34869.679		12434.303
13	34602.159		11429.382
14	29781.160		9033.486
15	27598.230		7687.566
16	32354.270		8276.240
17	34472.239		8097.758
18	34504.719		7443.336
19	34537.199		6841.795
20	34569.679		6288.863
21	34602.159		5790.612
22	29781.160		4568.842
23	27598.230		3888.119
24	32354.270		4185.821
25	34472.239		4095.581
26	77429.478		8447.850
TOTAL	401330.195		0.000

87/02/13

CASE 1 (OPERATION DOWN '93..80% , '94..65% , '95..84%)

I.R.R. (448) = 6.572 X

	CASH-FLOW	DIS	CASH-FLOW
0	0.000		0.000
1	-808.000		-758.176
2	-3402.000		-2995.379
3	-17434.000		-14403.674
4	-39071.000		-30289.319
5	-79065.000		-57514.586
6	-81359.000		-55670.402
7	-17058.974		-10926.073
8	15011.015		9021.526
9	24603.069		13874.520
10	32350.012		17118.350
11	34365.106		17063.333
12	20858.989		13444.850
13	28503.917		12461.440
14	23297.364		9557.168
15	24198.367		9314.665
16	28333.815		10342.347
17	26961.707		9137.692
18	26116.709		8305.692
19	25470.874		7600.812
20	25366.480		7102.890
21	21379.618		5617.377
22	13034.373		3213.531
23	14211.703		3287.738
24	19983.795		4120.908
25	17681.000		3601.434
26	43798.278		8371.136
TOTAL	234426.213		0.000

87/02/13
CASE 1 (OPERATION DOWN '93..80% , '94..65% , '95..94%)

I.R.R. (440) = 0.407 %

	CASH-FLOW	DIS	CASH-FLOW
0	0.000		0.000
1	-268.000		-251.862
2	-2475.000		-2185.903
3	-11262.000		-9347.578
4	-26122.000		-20375.950
5	-47640.000		-34922.960
6	-37667.000		-25949.452
7	0.000		0.000
8	0.000		0.000
9	0.000		0.000
10	13206.243		6559.347
11	16724.102		8445.965
12	11954.610		5673.744
13	12340.162		5204.058
14	7972.235		3299.803
15	9511.862		3746.908
16	14685.935		5436.850
17	18335.958		6683.750
18	22125.738		7234.345
19	21721.172		6974.405
20	21858.047		6312.022
21	18112.454		4915.439
22	11335.644		2891.073
23	14211.703		3406.311
24	13983.795		4276.137
25	17681.000		3742.857
26	42377.278		8430.579
TOTAL	165903.977		0.000

(3) Sensitivity Analysis Case-4-1

FINANCIAL STATEMENT OF BURNIPUR WORKS (UNIT: LAKHS)

CASE 4-1 (MANUFACTUR.COST 10% UP)

	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
SALES	0	0	0	0	0	0	46,909	95,061	95,061	95,061	95,061
VARIABLE COST	0	0	0	0	0	0	26,185	52,500	52,500	52,500	52,500
MANUFACTUR.COST	0	0	0	0	0	0	19,130	34,425	34,425	34,425	34,425
SELLING EXP.	0	0	0	0	0	0	8,055	18,075	18,075	18,075	18,075
EXCISE DUTY	0	0	0	0	0	0	3,457	7,461	7,461	7,461	7,461
SDF	0	0	0	0	0	0	3,696	8,473	8,473	8,473	8,473
EGEAF	0	0	0	0	0	0	650	2,038	2,038	2,038	2,038
JPC	0	0	0	0	0	0	43	102	102	102	102
FIXED COST	0	0	0	0	0	0	17,927	28,651	28,651	28,651	28,651
LABOR	0	0	0	0	0	0	3,881	3,240	3,240	3,240	3,240
DEPRECIATIONS	0	0	0	0	0	0	9,220	17,368	17,368	17,368	17,368
S.F.RELINING	0	0	0	0	0	0	203	406	406	406	406
FIXED MATERIAL	0	0	0	0	0	0	3,365	6,269	6,269	6,269	6,269
OTHER FIXED EXP.	0	0	0	0	0	0	1,259	1,368	1,368	1,368	1,368
OPERATING COST	0	0	0	0	0	0	44,113	81,151	81,151	81,151	81,151
OPERATING INCOME	0	0	0	0	0	0	2,796	13,910	13,910	13,910	13,910
INTEREST INCOME	0	0	0	0	0	0	8	32	65	97	130
INTEREST PAID	16	59	267	833	2,193	4,774	7,455	7,988	7,156	6,462	5,744
SHORT TERM LOAN	0	0	0	0	0	0	280	0	0	0	0
SDF LOAN	0	0	0	0	110	1,032	2,491	3,136	3,081	2,905	2,664
(STEP1)	0	0	0	0	110	928	1,438	1,438	1,382	1,272	1,151
(STEP2)	0	0	0	0	0	204	1,053	1,698	1,699	1,633	1,503
FOREIGN LOAN	16	59	267	933	2,083	3,741	4,685	4,572	4,075	3,577	3,080
(STEP1)	16	44	226	633	1,521	2,470	2,704	2,421	2,150	1,872	1,595
(STEP2)	0	15	41	198	562	1,272	1,980	2,151	1,925	1,705	1,485
I.D.C.	16	59	267	833	2,193	4,774	3,034	0	0	0	0
(STEP1)	16	44	226	633	1,521	3,298	0	0	0	0	0
(STEP2)	0	15	41	198	562	1,476	3,034	0	0	0	0
INCOME BEFORE TAX	0	0	0	0	0	0	-1,617	5,954	6,819	7,525	8,296
LOSS BROUGHT FWD.	0	0	0	0	0	0	-1,617	-1,617	0	0	0
TAXABLE INCOME	0	0	0	0	0	0	-1,617	4,337	6,819	7,525	8,296
INCOME TAX	0	0	0	0	0	0	2,168	3,409	3,409	3,762	4,148
INCOME AFTER TAX	0	0	0	0	0	0	-1,617	3,786	3,409	3,762	4,148
ACCUMULATED INCOME	0	0	0	0	0	0	-1,617	2,168	5,578	9,340	13,488

FINANCIAL STATEMENT OF BURNPUR WORKS (UNIT:LAKHS)

CASE	4-1	(MANUFACTUR.COST	10%	UP)	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
DEP(RELINING)							0	0	0	0	0	0	203	609	1,015	1,421	1,827
CASH-IN-HAND							0	0	0	0	0	0	391	792	792	792	792
EXCESS CASH							0	0	0	0	0	0	0	3,624	15,379	24,955	34,959
ACCT. RECEIVABLE							0	0	0	0	0	0	3,909	7,922	7,922	7,922	7,922
LIQUID ASSETS							0	0	0	0	0	0	4,503	12,947	25,108	35,100	45,510
FINISHED GOODS							0	0	0	0	0	0	1,955	3,961	3,961	3,961	3,961
WORK-IN-PROCESS							0	0	0	0	0	0	782	1,584	1,584	1,584	1,584
MATERIALS&SUPPLIES							0	0	0	0	0	0	1,554	3,169	3,169	3,169	3,169
SPARES&STORES							0	0	0	0	0	0	3,087	5,243	5,243	5,243	5,243
CURRENT ASSETS							0	0	0	0	0	0	11,890	26,904	39,064	49,057	59,467
1. LAND							0	2,008	4,016	5,737	5,737	5,737	5,737	5,737	5,737	5,737	5,737
2. BUILDINGS							0	0	1,151	5,729	12,016	14,795	15,040	14,555	14,069	13,584	13,098
3. MACHINERY							0	0	13,033	44,509	115,552	178,149	185,635	171,534	157,433	143,332	129,231
4. VEHICLES							0	0	0	54	537	3,160	5,854	5,585	5,305	5,025	4,746
5. INVENTORIES							0	0	0	0	0	3,087	2,156	0	0	0	0
6. PRE-OPERAT. EXP.							809	2,202	3,444	4,686	5,938	7,823	8,059	7,215	5,361	5,508	4,654
7. I.D.C.							16	74	341	1,174	3,366	8,140	10,589	9,471	8,354	7,237	6,119
OLD PLANT							0	0	0	0	0	5,588	9,057	7,525	6,995	6,464	5,933
FIXED ASSETS							824	4,284	21,985	61,889	143,146	229,479	241,147	221,623	204,255	186,886	169,518
ASSETS TOTAL							824	4,284	21,985	61,889	143,146	229,479	253,037	248,526	243,319	235,943	228,985
ACCOUNT PAYABLE							0	0	0	0	0	0	1,955	3,961	3,961	3,961	3,961
RESERVE FOR TAX							0	0	0	0	0	0	0	2,168	3,409	3,762	4,148
SHORT LOAN							0	0	0	0	0	0	0	0	0	0	0
CURRENT LIABILITIES							0	0	0	0	0	0	3,995	0	0	0	0
RESERVE(RELINING)							0	0	0	0	0	0	5,950	6,129	7,370	7,723	8,109
SOP LOAN							0	0	0	0	0	0	203	609	1,015	1,421	1,827
(STEP1)							0	0	0	2,740	23,089	23,089	39,206	39,206	37,824	34,808	31,792
(STEP2)							0	0	0	2,740	17,972	17,972	17,972	17,972	16,590	15,207	13,825
FOREIGN LOAN							0	0	0	0	0	0	21,234	21,234	21,234	19,601	17,967
(STEP1)							556	1,541	7,980	21,762	52,540	80,875	83,861	74,979	56,098	57,217	48,335
(STEP2)							556	1,030	7,030	15,640	38,674	49,529	44,576	39,623	34,670	29,717	24,764
FIXED LIABILITIES							0	0	0	0	0	0	31,447	31,447	31,428	27,499	23,571
LIABILITIES TOTAL							556	1,541	7,980	21,762	55,379	104,045	123,270	114,795	104,937	93,445	81,954
CAPITAL STOCK							556	1,541	7,980	21,762	55,379	104,045	129,220	120,924	112,307	101,169	90,063
RETAINED EARNING							268	2,743	14,005	40,127	87,767	125,434	125,434	125,434	125,434	125,434	125,434
EQUITY							0	0	0	0	0	0	-1,617	2,168	5,572	9,340	13,488
LIABILITY&EQUITY							268	2,743	14,005	40,127	87,767	125,434	123,817	127,602	131,012	134,774	138,922
							824	4,284	21,985	61,889	143,146	229,479	253,037	248,526	243,319	235,943	228,985

FINANCIAL STATEMENT OF BURNPUR WORKS (UNIT=LAKHS)

CASE 4-1 (MANUFACTUR-COST 10% UP)

	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
INCOME BEFORE TAX	0	0	0	0	0	0	-1,617	5,954	6,819	7,525	8,286
DEPRECIATIONS	0	0	0	0	0	0	9,220	17,368	17,368	17,368	17,368
B.F-RELINING	0	0	0	0	0	0	203	406	406	406	406
RELEASE(RELINING)	0	0	0	0	0	0	0	0	0	0	0
CAPITAL STOCK	268	2,475	11,262	25,122	47,640	37,667	0	0	0	0	0
(STEP1)	268	2,475	11,262	16,421	31,675	37,667	0	0	0	0	0
(STEP2)	0	0	0	5,155	15,965	0	0	0	0	0	0
(OLD PLANT)	0	0	0	9,701	15,965	29,079	0	0	0	0	0
S.F. LOAN	0	0	0	0	2,740	20,329	16,137	0	0	0	0
(STEP1)	0	0	0	0	2,740	15,232	16,137	0	0	0	0
(STEP2)	0	0	0	0	0	5,097	0	0	0	0	0
FOREIGN LDAN	556	986	6,439	13,782	30,878	28,336	7,837	0	0	0	0
(STEP1)	556	474	6,000	8,611	23,034	10,855	0	0	0	0	0
(STEP2)	0	511	439	5,171	7,844	17,482	7,837	0	0	0	0
SHORT LOAN	0	0	0	0	0	0	3,995	0	0	0	0
SOURCES OF FUNDS	824	3,461	17,701	39,904	81,258	86,333	35,776	23,728	24,593	25,299	26,070
INVESTMENTS	824	3,461	17,701	39,904	81,258	86,333	23,975	0	0	0	0
(STEP1 PLANT)	808	2,654	16,830	24,397	55,818	22,789	0	0	0	0	0
(I.O.C.)	16	44	226	635	1,630	3,298	0	0	0	0	0
(STEP2 PLANT)	0	748	596	14,674	23,247	50,182	20,941	0	0	0	0
(I.O.C.)	0	14	41	198	562	1,475	3,034	0	0	0	0
(OLD PLANT)	0	0	0	0	0	8,588	0	0	0	0	0
REPAY SDF	0	0	0	0	0	0	0	0	1,382	3,016	3,016
(STEP1)	0	0	0	0	0	0	0	0	1,382	1,382	1,382
(STEP2)	0	0	0	0	0	0	0	0	0	1,633	1,633
REPAY FOREIGN	0	0	0	0	0	0	4,953	8,881	8,881	8,881	8,881
(STEP1)	0	0	0	0	0	0	4,953	4,953	4,953	4,953	4,953
(STEP2)	0	0	0	0	0	0	0	3,928	3,928	3,928	3,928
B.F-RELINING EXP.	0	0	0	0	0	0	0	0	0	0	0
RESERVE(RELINING)	0	0	0	0	0	0	203	406	406	406	406
REPAY SHORT	0	0	0	0	0	0	0	3,995	0	0	0
EXCESS CASH	0	0	0	0	0	0	0	3,624	11,755	9,586	10,004
TAX	0	0	0	0	0	0	0	0	2,155	3,409	3,752
WORKING CAPITAL	0	0	0	0	0	0	6,645	6,821	0	0	0
APPLICATIONS TOTAL	824	3,461	17,701	39,904	81,258	86,333	35,776	23,728	24,593	25,299	26,070
CASHFLOW(BEFF.TAX)	-808	-3,402	-17,434	-39,071	-79,065	-91,559	-15,562	24,489	31,343	31,375	31,408
CASHFLOW(AFT.TAX)	-808	-3,402	-17,434	-39,071	-79,065	-91,559	-15,562	24,489	29,174	27,966	27,645
CASHFLOW(R.O.C.)	-268	-2,475	-11,262	-25,122	-47,640	-37,667	0	0	0	0	0

** FINANCIAL STATEMENT OF BURNPUR WORKS (UNIT-LAKHS)

CASE 4-1 (MANUFACTUR.COST 10X UP)

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
*** P / L ***											
SALES	95,061	95,061	80,339	80,339	95,061	95,061	95,061	95,061	95,061	95,061	80,339
VARIABLE COST	52,500	52,500	44,153	44,153	52,500	52,500	52,500	52,500	52,500	52,500	44,153
MANUFACTUR.COST	34,425	34,425	28,923	28,923	34,425	34,425	34,425	34,425	34,425	34,425	28,923
SELLING EXP.	18,075	18,075	15,229	15,229	18,075	18,075	18,075	18,075	18,075	18,075	15,229
EXCISE DUTY	7,461	7,461	6,279	6,279	7,461	7,461	7,461	7,461	7,461	7,461	6,279
SDF	8,473	8,473	7,146	7,146	8,473	8,473	8,473	8,473	8,473	8,473	7,146
EGEAF	2,038	2,038	1,718	1,718	2,038	2,038	2,038	2,038	2,038	2,038	1,718
JPC	102	102	86	86	102	102	102	102	102	102	86
FIXED COST	28,651	28,651	28,651	28,651	28,651	27,598	28,680	28,680	18,915	12,140	12,140
LABOR	3,240	3,240	3,240	3,240	3,240	3,240	3,240	3,240	3,240	3,240	3,240
DEPRECIATIONS	17,368	17,368	17,368	17,368	17,368	16,315	15,397	15,397	7,632	857	857
D-F.RELINING	406	406	406	406	406	406	406	406	406	406	406
FIXED MATERIAL	6,269	6,269	6,269	6,269	6,269	6,269	6,269	6,269	6,269	6,269	6,269
OTHER FIXED EXP.	1,368	1,368	1,368	1,368	1,368	1,368	1,368	1,368	1,368	1,368	1,368
OPERATING COST	81,151	81,151	72,804	72,804	81,151	80,098	79,180	79,180	71,415	64,640	56,293
OPERATING INCOME	13,910	13,910	7,536	7,536	13,910	14,963	15,881	15,881	23,646	30,420	24,047
INTEREST INCOME	162	195	162	65	32	65	97	130	162	195	162
INTEREST PAID	5,005	4,267	3,528	2,789	2,051	1,981	975	734	493	251	55
SHORT TERM LOAN	0	0	0	0	0	0	0	0	0	0	0
SDF LOAN	2,423	2,181	1,940	1,699	1,458	1,216	975	734	493	251	55
(STEP1)	(1,051)	(940)	(829)	(719)	(608)	(498)	(387)	(276)	(166)	(55)	(0)
(STEP2)	(1,372)	(1,241)	(1,111)	(980)	(849)	(719)	(588)	(457)	(327)	(195)	(55)
FOREIGN LOAN	2,532	2,085	1,588	1,090	593	165	0	0	0	0	0
(STEP1)	(1,217)	(1,040)	(763)	(485)	(208)	(0)	(0)	(0)	(0)	(0)	(0)
(STEP2)	(1,315)	(1,045)	(825)	(605)	(385)	(165)	(0)	(0)	(0)	(0)	(0)
I.D.C.	0	0	0	0	0	0	0	0	0	0	0
(STEP1)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
(STEP2)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
INCOME BEFORE TAX	9,067	9,938	4,170	4,812	11,892	13,646	15,003	15,277	23,216	30,364	24,144
LOSS BROUGHT FWD.	0	0	0	0	0	0	0	0	0	0	0
TAXABLE INCOME	9,067	9,938	4,170	4,812	11,892	13,646	15,003	15,277	23,216	30,364	24,144
INCOME TAX	4,533	4,919	2,085	2,406	5,946	6,823	7,502	7,638	11,658	15,182	12,072
INCOME AFTER TAX	4,533	4,919	2,085	2,406	5,946	6,823	7,502	7,638	11,658	15,182	12,072
ACCUMULATED INCOME	18,022	22,041	25,026	27,432	33,377	40,201	47,702	55,341	66,998	82,181	94,252

** FINANCIAL STATEMENT OF BURNPUR WORKS (UNIT=LAKHS)

CASE 4-1 (MANUFACTUR.COST FOR UP)

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
*** 3 / 5 ***											
DEPOTREINING)	2,233	2,639	1,421	203	609	1,015	1,421	1,827	2,233	2,639	1,421
CASH-IN-HAND	792	792	609	669	792	792	792	792	792	792	659
EXCESS CASH	45,359	56,134	62,942	71,139	85,010	101,081	121,642	141,799	162,092	178,640	188,911
ACCT. RECEIVABLE	7,922	7,922	6,695	6,695	7,922	7,922	7,922	7,922	7,922	7,922	5,595
LIQUID ASSETS	56,306	67,487	71,727	78,707	93,333	110,810	131,777	152,340	173,039	199,993	197,696
FINISHED GOODS	3,961	3,961	3,347	3,347	3,961	3,961	3,961	3,961	3,961	3,961	3,347
WORK-IN-PROCESS	1,584	1,584	1,339	1,339	1,584	1,584	1,584	1,584	1,584	1,584	1,339
MATERIALS,SUPPLIES	3,169	3,169	2,678	2,678	3,169	3,169	3,169	3,169	3,169	3,169	2,572
SPARES&STORES	5,243	5,243	5,243	5,243	5,243	5,243	5,243	5,243	5,243	5,243	5,243
CURRENT ASSETS	70,263	81,444	84,335	91,314	107,290	124,767	145,734	166,297	186,996	203,950	210,304
LAND	5,737	5,737	5,737	5,737	5,737	5,737	5,737	5,737	5,737	5,737	5,737
BUILDINGS	12,613	12,128	11,642	11,157	10,672	10,186	9,701	9,216	8,730	8,245	7,750
MACHINERY	115,130	101,029	86,928	72,827	58,726	44,625	30,524	16,423	9,648	9,648	9,548
VEHICLES	4,466	4,187	3,907	3,627	3,348	3,068	2,788	2,509	2,229	1,949	1,670
INVENTORIES	0	0	0	0	0	0	0	0	0	0	0
PRE-OPERAT. EXP.	3,800	2,947	2,093	1,239	385	0	0	0	0	0	0
T.D.C.	5,002	3,685	2,767	1,650	532	0	0	0	0	0	0
OLD PLANT	5,402	4,871	4,340	3,809	3,278	2,747	2,216	1,685	1,153	1,501	1,408
FIXED ASSETS	152,150	134,782	117,414	100,046	82,678	66,363	50,966	35,570	27,938	27,080	26,223
ASSETS TOTAL	222,413	216,226	201,749	191,360	189,968	191,131	196,701	201,866	214,933	231,030	236,527
ACCOUNT PAYABLE	3,961	3,961	3,347	3,347	3,961	3,961	3,961	3,961	3,961	3,961	3,347
RESERVE FOR TAX	4,533	4,919	2,085	2,406	5,946	6,823	7,502	7,638	11,658	15,192	12,072
SHORT LOAN	0	0	0	0	0	0	0	0	0	0	0
CURRENT LIABILITIES	9,494	8,880	5,432	5,753	9,907	10,794	11,462	11,599	15,619	19,143	15,419
RESERVE(RELINING)	2,233	2,639	1,421	203	609	1,015	1,421	1,827	2,233	2,639	1,421
SDF LOAN	28,776	25,760	22,744	19,729	16,713	13,697	10,681	7,665	4,649	1,633	0
(STEP1)	(12,442)	(11,060)	(9,677)	(8,295)	(6,912)	(5,530)	(4,147)	(2,765)	(1,382)	(0)	(0)
(STEP2)	(16,334)	(14,701)	(13,067)	(11,434)	(9,800)	(8,167)	(6,534)	(4,900)	(3,267)	(1,633)	(0)
FOREIGN LOAN	39,454	30,873	21,691	12,810	3,928	0	0	0	0	0	0
(STEP1)	(19,812)	(14,859)	(9,906)	(4,953)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
(STEP2)	(19,642)	(15,714)	(11,785)	(7,857)	(3,928)	(0)	(0)	(0)	(0)	(0)	(0)
FIXED LIABILITIES	70,463	58,972	45,857	32,741	21,250	14,712	12,102	9,492	6,882	4,272	1,421
LIABILITIES TOTAL	79,957	67,852	51,289	38,495	31,157	25,496	23,564	21,091	22,501	23,415	16,840
CAPITAL STOCK	125,434	125,434	125,434	125,434	125,434	125,434	125,434	125,434	125,434	125,434	125,434
RETAINED EARNING	18,022	22,941	25,026	27,432	33,377	40,201	47,702	55,341	66,998	82,181	94,252
EQUITY	143,456	148,375	150,460	152,866	158,811	165,635	173,136	180,775	192,432	207,615	219,686
LIABILITY&EQUITY	222,413	216,226	201,749	191,360	189,968	191,131	196,701	201,866	214,933	231,030	236,527

** FINANCIAL STATEMENT OF BURNPUR WORKS (UNIT:LAKHS)

CASE 4-1 (MANUFACTUR.COST 10% UP)

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
*** C / F ***											
INCOME BEFORE TAX	9,057	9,938	4,170	4,812	11,892	13,646	15,003	15,277	23,316	30,364	24,144
DEPRECIATIONS	17,368	17,368	17,368	17,368	17,368	16,315	15,397	15,397	7,632	957	857
B.F. RELINING	406	406	406	406	406	406	406	406	406	406	406
RELEASE/RELINING)	0	0	1,624	1,624	0	0	0	0	0	0	1,624
CAPITAL STOCK	0	0	0	0	0	0	0	0	0	0	0
(STEP1)	0	0	0	0	0	0	0	0	0	0	0
(STEP2)	0	0	0	0	0	0	0	0	0	0	0
(OLD PLANT)	0	0	0	0	0	0	0	0	0	0	0
SDF LOAN	0	0	0	0	0	0	0	0	0	0	0
(STEP1)	0	0	0	0	0	0	0	0	0	0	0
(STEP2)	0	0	0	0	0	0	0	0	0	0	0
FOREIGN LOAN	0	0	0	0	0	0	0	0	0	0	0
(STEP1)	0	0	0	0	0	0	0	0	0	0	0
(STEP2)	0	0	0	0	0	0	0	0	0	0	0
SHORT LOAN	0	0	0	0	0	0	0	0	0	0	0
SOURCES OF FUNDS	26,841	27,612	23,568	24,210	29,666	30,367	30,806	31,080	31,354	31,627	27,031
INVESTMENTS	0	0	0	0	0	0	0	0	0	0	0
(STEP1 PLANT)	0	0	0	0	0	0	0	0	0	0	0
(I.D.C.)	0	0	0	0	0	0	0	0	0	0	0
(STEP2 PLANT)	0	0	0	0	0	0	0	0	0	0	0
(I.D.C.)	0	0	0	0	0	0	0	0	0	0	0
(OLD PLANT)	0	0	0	0	0	0	0	0	0	0	0
REPAY SDF	3,016	3,016	3,016	3,016	3,016	3,016	3,016	3,016	3,016	3,016	3,016
(STEP1)	1,382	1,382	1,382	1,382	1,382	1,382	1,382	1,382	1,382	1,382	1,382
(STEP2)	1,633	1,633	1,633	1,633	1,633	1,633	1,633	1,633	1,633	1,633	1,633
REPAY FOREIGN	8,881	8,881	8,881	8,881	8,881	8,881	8,881	8,881	8,881	8,881	8,881
(STEP1)	4,953	4,953	4,953	4,953	4,953	4,953	4,953	4,953	4,953	4,953	4,953
(STEP2)	3,928	3,928	3,928	3,928	3,928	3,928	3,928	3,928	3,928	3,928	3,928
B.F. RELINING EXP.	0	0	1,624	1,624	0	0	0	0	0	0	1,624
RESERVE/RELINING)	406	406	406	406	406	406	406	406	406	406	406
REPAY SHORT	0	0	0	0	0	0	0	0	0	0	0
EXCESS CASH	10,190	10,775	6,808	8,197	12,871	17,071	20,561	20,156	20,293	16,548	10,271
TAX	4,148	4,533	4,919	2,085	2,406	5,946	6,823	7,502	7,638	11,658	15,182
WORKING CAPITAL	0	0	-2,085	0	2,085	0	0	0	0	0	-2,085
APPLICATIONS TOTAL	26,841	27,612	23,568	24,210	29,666	30,367	30,806	31,080	31,354	31,627	27,031
CASHFLOW (DEP. TAX)	31,440	31,473	27,152	24,969	29,225	31,343	31,375	31,408	31,440	31,473	27,152
CASHFLOW (AFT. TAX)	27,292	26,939	22,233	22,984	26,819	25,397	24,552	23,906	23,802	19,815	11,970
CASHFLOW (P.F.E.)	10,390	10,775	6,808	9,197	12,871	17,071	20,561	20,156	20,293	16,548	10,271

FINANCIAL STATEMENT OF BURNPUR WORKS (UNIT:LAKHS)

CASE 4-1 (MANUFACTUR.COST 10% UP)

2009	2010	2011	2012	TOTAL
80,339	95,061	95,061	95,061	1,794,176
44,155	52,500	52,500	52,500	990,292
28,923	34,425	34,425	34,425	650,194
15,229	18,075	18,075	18,075	340,098
6,279	7,461	7,461	7,461	140,494
7,146	8,473	8,473	8,473	159,379
1,718	2,038	2,038	2,038	39,309
86	102	102	102	1,915
12,140	12,140	12,140	12,140	48,503
3,240	3,240	3,240	3,240	65,437
857	857	857	857	225,417
406	406	406	406	7,917
6,269	6,269	6,269	6,269	122,485
1,368	1,368	1,368	1,368	27,247
56,293	64,640	64,640	64,640	1,438,795
24,047	30,420	30,420	30,420	355,381
55	32	65	97	2,022
0	0	0	0	64,505
0	0	0	0	559
0	0	0	0	24,855
0	0	0	0	13,159
0	0	0	0	15,696
0	0	0	0	35,090
0	0	0	0	19,472
0	0	0	0	15,617
0	0	0	0	11,174
0	0	0	0	5,849
0	0	0	0	5,325
24,112	30,453	30,485	30,518	304,073
0	0	0	0	-1,617
24,112	30,453	30,485	30,518	302,455
12,056	15,226	15,243	15,259	152,036
12,056	15,226	15,243	15,259	152,036
106,308	121,535	136,777	152,036	

FINANCIAL STATEMENT OF BURNPUR WORKS (UNIT:LAKHS)

CASE 4-1 (MANUFACTUR.COST 10% UP)

	2009	2010	2011	2012	TOTAL
*** 3 / S ***					
DEPO(RELINING)	203	609	1,015	1,421	
CASH-IN-HAND	669	792	792	792	
EXCESS CASH	201,608	219,977	235,093	251,225	
ACCT. RECEIVABLE	6,595	7,922	7,922	7,922	
LIQUID ASSETS	209,375	229,300	244,822	261,360	
FINISHED GOODS	3,347	3,961	3,961	3,961	
WORK-IN-PROCESS	1,339	1,584	1,584	1,584	
MATERIALS+SUPPLIES	2,678	3,169	3,169	3,169	
SPAREPARTS	5,243	5,243	5,243	5,243	
CURRENT ASSETS	221,983	242,257	258,770	275,317	
LAND	5,737	5,737	5,737	5,737	
BUILDINGS	7,274	8,739	6,304	5,819	
MACHINERY	9,648	9,648	9,648	9,648	
VEHICLES	1,390	1,111	831	551	
INVENTORIES	0	0	0	0	
PRE-OPERAT. EXP.	0	0	0	0	
J.D.C.	0	0	0	0	
OLD PLANT	1,316	1,224	1,132	1,039	
FIXED ASSETS	25,356	24,509	23,651	22,794	
ASSETS TOTAL	247,348	266,765	282,430	298,111	
ACCOUNT PAYABLE	3,347	3,961	3,961	3,961	
RESERVE FOR TAX	12,056	15,226	15,243	15,259	
SHORT LOAN	0	0	0	0	
CURRENT LIABILITIES	15,403	19,187	19,204	19,220	
RESERVE(RELINING)	203	609	1,015	1,421	
SOE LOAN	0	0	0	0	
(STEP1)	0	0	0	0	
(STEP2)	0	0	0	0	
FOREIGN LOAN	0	0	0	0	
(STEP1)	0	0	0	0	
(STEP2)	0	0	0	0	
FIXED LIABILITIES	203	609	1,015	1,421	
LIABILITIES TOTAL	15,606	19,796	20,219	20,641	
CAPITAL STOCK	125,434	125,434	125,434	125,434	
RETAINED EARNING	106,308	121,535	136,777	152,036	
EQUITY	231,742	246,969	262,211	277,470	
LIABILITY/EQUITY	247,348	266,765	282,430	298,111	

FINANCIAL STATEMENT OF BURNPUR WORKS (UNIT: LAKHS)

CASE 4-1 (MANUFACTUR. COST 10% UP)

	2009	2010	2011	2012	TOTAL
*** C / F ***					
INCOME BEFORE TAX	24,112	30,453	30,485	30,518	304,073
DEPRECIATIONS	857	857	857	857	225,417
W.F. RELINING	406	406	406	406	7,917
RELEASE (RELINING)	1,624	0	0	0	6,496
CAPITAL STOCK	0	0	0	0	125,434
(STEP1)	0	0	0	0	0
(STEP2)	0	0	0	0	61,652
(OLD PLANT)	0	0	0	0	55,194
SDF LOAN	0	0	0	0	8,588
(STEP1)	0	0	0	0	39,206
(STEP2)	0	0	0	0	17,972
FOREIGN LOAN	0	0	0	0	21,234
(STEP1)	0	0	0	0	83,814
(STEP2)	0	0	0	0	49,529
SHORT LOAN	0	0	0	0	39,285
SOURCES OF FUNDS	26,999	31,716	31,749	31,781	801,352
INVESTMENTS	0	0	0	0	253,454
(STEP1 PLANT)	0	0	0	0	123,304
(I.O.C.)	0	0	0	0	5,849
(STEP2 PLANT)	0	0	0	0	110,388
(I.O.C.)	0	0	0	0	5,325
(OLD PLANT)	0	0	0	0	8,588
REPAY SDF	0	0	0	0	39,206
(STEP1)	0	0	0	0	17,972
(STEP2)	0	0	0	0	21,234
REPAY FOREIGN	0	0	0	0	83,814
(STEP1)	0	0	0	0	49,529
(STEP2)	0	0	0	0	39,285
W.F. RELINING EXP.	1,624	0	0	0	6,496
RESERVE (RELINING)	406	406	406	406	7,917
REPAY SHORT	0	0	0	0	3,995
EXCESS CASH	12,897	17,169	16,116	16,132	251,225
TAX	12,072	12,056	15,226	15,243	136,777
WORKING CAPITAL	0	2,485	0	0	13,467
APPLICATIONS TOTAL	26,999	31,716	31,749	31,781	801,352

CASHFLOW (BEF. TAX)	24,969	29,225	31,343	74,300	359,098
CASHFLOW (AFT. TAX)	12,897	17,169	16,116	43,792	217,962
CASHFLOW (R.O.I.E.)	12,897	17,169	16,116	42,377	152,036

87/02/13
CASE 4-1 (MANUFACTUR-COST 10% UP)

I.R.R. (447) = 8.723 %

	CASH-FLOW	DIS CASH-FLOW
0	0.000	0.000
1	-308.000	-743.170
2	-3402.000	-2877.994
3	-1734.000	-13565.262
4	-39071.000	-27961.645
5	-79065.000	-52043.862
6	-31559.000	-49373.078
7	-15561.868	-8665.649
8	24488.785	12542.486
9	31342.714	14764.884
10	31375.194	13594.302
11	31407.674	12516.512
12	31440.154	11524.159
13	31472.634	10610.472
14	27151.784	8419.320
15	24968.854	7121.219
16	20224.745	7666.259
17	31342.714	7562.170
18	31375.194	6962.629
19	31407.674	6410.615
20	31440.154	5902.359
21	31472.634	5434.394
22	27151.784	4312.146
23	24968.854	3647.294
24	20224.745	3926.448
25	31342.714	3873.139
26	74209.953	8444.847
TOTAL	309998.092	0.000

87/02/13
CASE 4-1 (MANUFACTUR-COST 10% UP)
I.R.R. (4%) = 6.274 %

	CASH-FLOW	DIS CASH-FLOW
0	0.000	0.000
1	-408.000	-759.587
2	-3402.000	-3006.540
3	-17434.000	-14484.255
4	-39071.000	-30515.467
5	-72068.000	-58051.860
6	-13559.000	-56295.040
7	-15561.869	-10097.790
8	2448.785	14938.198
9	29174.278	16730.059
10	27965.704	15076.116
11	27645.299	14010.428
12	27292.227	13002.757
13	26932.154	12065.541
14	22222.751	9361.004
15	22822.679	9057.773
16	26818.978	9979.394
17	25396.944	8884.026
18	24551.945	8073.849
19	23906.112	7390.436
20	23801.717	6917.286
21	19814.856	5413.582
22	11969.759	3074.296
23	12397.015	3113.990
24	17168.958	3897.058
25	16115.237	3438.927
26	43798.278	8785.829
TOTAL	217981.808	0.000

87/02/13
CASE 4-1 (MANUFACTUR.CDST 10% UP)

(P.R.R. (440) = 6.156 %

	CASH-FLOW	DIS	CASH-FLOW
0	0.000		0.000
1	-268.000		-252.459
2	-2475.000		-2196.280
3	-11262.000		-9414.219
4	-25122.000		-20569.864
5	-47640.000		-35338.698
6	-37567.000		-26320.767
7	0.000		0.000
8	3623.907		2247.124
9	11754.753		6860.252
10	9586.074		5274.767
11	10004.295		5185.674
12	10389.847		5073.226
13	10775.400		4956.381
14	6307.621		2949.734
15	8197.175		3345.861
16	12871.098		4948.979
17	17071.236		6183.313
18	20560.976		7015.461
19	20156.410		6478.612
20	20293.284		6144.370
21	16347.691		4719.747
22	10271.030		2759.634
23	12897.015		3264.247
24	17168.958		4093.492
25	16115.237		3619.678
26	42377.278		4965.925
TOTAL	152036.284		0.000

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