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⑤ THE PHILIPPINES INTEGRATED STEEL MILL PROJECT (FINAL-F/S) COST SHEET DATE JUL-04-1979
PAGE 0005

RR(CODE) COST CENTER RR (CODE) PRODUCT PRODUCTION UNIT : 1000T/Y
(XEO) BASIC OXIGEN FURNACE (POS) LIQUID STEEL (M.T) (FOR PROCESS 1,569)
(FOR SALE 0)

COST ELEMENT (UNIT) CODE	REQUIREMENT 1000QUANT	UNIT PRICE US.C/QUANT	A M O U N T 1000US.D	UNIT CONSUMP QUANT/T	UNIT COST US.D/T
SINTER (M.T) P01					
COKE (M.T) P02					
BURNT-LIME (M.T) P03					
PIG IRON (M.T) P04	1,434	76,372	224,150	.060	41.818
LIQUID STEEL (M.T) P05		150,455		.916	142.993
LABOR (M.T) P06					
BILLET (M.T) P07					
NOTED IN (M.T) P08					
(COST CENTER)	1,528	151,159	230,971	.976	147.209
IRON ORE (M.T) 1001	31	31,820	987	.020	.629
LIME STONE (M.T) 1002	8	7,250	58	.005	.057
DOLomite (M.T) 1003					
FERRU MANGANESE (M.T) 1004					
SILICA (M.T) 1005					
IMPORT COAL (M.T) 1006					
STL SCRAP-PURCH (M.T) 1021	139	192,237	26,721	.089	17.031
IRON SAND (M.T) 1031	178	155,069	27,766	.113	17.697
SCALE-RETURN (M.T) 1101					
BF DUST-RETURN (M.T) 1102					
STL SCRAP-RET. (M.T) 1103	118	192,237	22,684	.075	14.458
IRON SCRAP RET. (M.T) 1104	4	173,000	692	.003	.441
SINTER(FINES) (M.T) 1105					
COKE BREZEZ (M.T) 1106	1	51,000	51	.001	.033
	123	192,463	23,427	.078	14.931
FERROALLOYS (KG) 1201	10,700	.572	6,122	6.820	3.331
ALUMINUM (KG) 1202	2,200	2,376	5,227	1.402	3.331
CALCIUM CARBIDE (KG) 1203	2,000	.520	1,041	1.275	.663
FLOURSPAR (KG) 1204	5,000	.134	670	1.383	.623
	19,900	.249	12,017	12.683	6.233
COG (NM3) 2001					
TAR & PITCH OIL (M.T) 2002					
LIGHT OIL (M.T) 2003					
BDO (NM3) 2004					
HEAVY OIL (KG) 2005					
LPG (KG) 2006					
LIGHT OIL (KG) 2007					
	109,800-	.523	2,580-	69,981-	1,644-
STEEL SCRAP (M.T) 1906	32-	192,250	6,152-	.020-	3,921-
IRON SCRAP (M.T) 1907					
MILL SCALE (M.T) 1908					
BF DUST (M.T) 1909					
SINTER(FINES) (M.T) 1910					
COKE BREZEZ (M.T) 1911					
LIME ST.(FINES)(M.T) 1912					
BURNT LIME(F.) (M.T) 1913					
	109,832-	.260	6,732-	70,001-	5,565-
COG (NM3) 2001	3,100	.059	182	1.976	.116
BDO (NM3) 2004					
HEAVY OIL (KG) 2005					
LPG (KG) 2006					
LIGHT OIL (KG) 2007					
REFR (KG) 2013					
REFRACTORY (KG) 2013	21,185	.582	12,340	13.502	7,665
OTHER VAR. SUPPLIES 2014			367		.234
			12,707		8,699
ELECTRIC-PURCH. (KWH) 2020					
SINTERING COS. 2040					
PSC SCRAP-RETURN 2050					
OTHER VARIABLE EXP. 2060					
			129		.082
			129		.082
MISCELLANEOUS INCOME 2090					
MAINT. REPAIR SUPPL. 3001			2,400		1,530
OTHER FIXED SUPPLIES 3002			2,400		1,530
LABOR FEE 3010			427		.272
			427		.272
PROV. FOR BF RELINING 3020					
DEPRECIATION 3030			6,650		4,238
AMORTIZATION 3040					
REAL PROPERTY TAX 3050					
OTHER FIXED EXPENSES 3060			161		.103
			6,811		4,341
OXYGEN (2 ARG.) (NM3) 4001	100,000	.74	7,400	63,990	4,748
ELECTRICITY (KWH) 4002	47,000	.566	26,602	29,955	1,989
BF BLDGR (M.T) 4003					
STEAM (M.T) 4004					
SEA-WATER (M3) 4005					
INDUSTRIAL WATER (M3) 4006	1,700	.111	189	1.083	.120
PORTABLE WATER (M3) 4007	294	.227	67	.187	.043
			10,826		6,900
GAS-OIL DISTRIBUTION 4010	28	3,410	101	.018	.064
MATERIAL HANDL. (M.T) 4020	198	3,729	734	.126	.668
IRON ORE SIZING (M.T) 4030	32	1,662	54	.020	.034
PRODUCT HANDL. (M.T) 4040					
TRANSPORTATION 4050	54	3,307	179	.034	.114
TEST AND INSPECTION 4060	190			.121	.681
			1,068		.681
MAINTENANCE SHOP 5000	88	22,449	2,055	.056	1,316
PLANT ADMINISTRATION 5010	84	25,235	2,129	.054	1,351
			2,564		1,751
MATERIAL COST TOTAL RR	88,103-	3,250	286,349	56,152-	182,504
VARIABLE COST TOTAL RR			24,912		15,878
FIXED COST TOTAL RR			13,932		8,680
GRAND COST TOTAL RRR			325,193		207,061

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⑥ THE PHILIPPINES INTEGRATED STEEL MILL PROJECT (FINAL-F/S) COST SHEET
 DATE JUL-04-1979
 PAGE 0006

##(CODE) COST CENTER ## (CODE) PRODUCT PRODUCTION UNIT : 1000T/Y
 (XFO) SLAB CASTING MILL (POB) SLAB (M.T) (FOR PROCESS 1.179
 (FOR SALE 1.079)
 (100)

COST ELEMENT (UNIT) CODE	REQUIREMENT 1000QUANT	UNIT PRICE US./D/QUANT	A M O U N T 1000US.D	UNIT CONSUMP QUANT/T	UNIT COST US./D/T
SINTER (M.T) P01					
COKE (M.T) P02					
BURNT-LIME (M.T) P03					
PIG IRON (M.T) P04					
LIQUID STEEL (M.T) P05	1,250	207.261	259.077	1.060	219.743
SLAB (M.T) P06					
BLOOM (M.T) P07					
BILLET (M.T) P08					
HOT COIL (M.T) P09					
(COST CENTER) #	1,250	207.262	259.077	1.060	219.743
IRON ORE (M.T) 1001					
LIME STONE (M.T) 1002					
CLAYITE (M.T) 1003					
FERRO MANGANESE (M.T) 1004					
SILICA (M.T) 1005					
IMPORT COAL (M.T) 1006					
STEEL SCRAP-PURCH (M.T) 1007					
IRON SAND (M.T) 1008					
SCALE-RETURN (M.T) 1101					
BF DUST-RETURN (M.T) 1102					
SL SCRAP-REL. (M.T) 1103					
IRON SCRAP REL. (M.T) 1104					
SINTER(FINES) (M.T) 1105					
COKE BREEZE (M.T) 1106					
FERROALLOYS (KG) 1201					
ALUMINUM (KG) 1202					
CALCIUM CARBIDE (KG) 1203					
FLOURSPAR (KG) 1204					
COG (NM3) 1901					
TAR & PITCH OIL (M.T) 1902					
LIGHT OIL (M.T) 1903					
BFG (NM3) 1904					
LPG (NM3) 1905					
LDG (NM3) 1906					
STEEL SCRAP (M.T) 1907	51-	192.235	9.804-	.043-	8.316-
IRON SCRAP (M.T) 1908	5-	23.600	118-	.004-	.100-
ROLL SCALE (M.T) 1909					
BF DUST (M.T) 1910					
SINTER(FINES) (M.T) 1911					
COKE BREEZE (M.T) 1912					
LIME ST (M.T) 1913					
BURNT LIME(LF) (M.T) 1914					
COG (NM3) 2001	56-	177.179	9.922-	.047-	8.416-
BFG (NM3) 2002	7,200	.059	423	6.107	.359
LPG (NM3) 2003					
HEAVY OIL (M.T) 2004	1,596	.285	455	1.354	.306
LIGHT OIL (M.T) 2006			878		.745
ROLL (KG) 2012					
REFRACTORY (KG) 2013					
OTHER VAR. SUPPLIES #	5,784	.918	5,307	4.906	4.501
ELECTRIC-PURCH.(KWH) 2020			3,587		3.042
PSC SINTERING COST 2040			8,894		7.544
PSC SEA-BERTH LENTAL 2050					
OTHER VARIABLE EXP. #					
MISCELLANEOUS INCDME 2090					
MAINT REPAIR SUPPL 3001					
OTHER FIXED SUPPLIES #			2,100		1.781
LABDR FEE #			664		.563
PROV FOR RE RELINING 3020			2,764		2.344
DEPRECIATION 3050			437		.371
AMORTIZATION 3040			437		.371
REAL PROPERTY TAX 3050			5,900		5.004
OTHER FIXED EXPENSES 3060			173		.147
OXYGEN(M2.4RG.) (NM3) 4001			6,073		5.151
ELECTRICITY (KWH) 4002	18,300	.074	1,356	15.222	1.152
BF BLOWER (NM3) 4003	3,800	.066	2,311	29.517	1.960
STEAM (M.T) 4004					
SEA-WATER (M3) 4005					
INDUSTRIAL WATER(M3) 4006	2,100	.111	233	1.781	.198
PORTABLE WATER (M3) 4007	53	.227	12	.045	.010
GAS-PIL DISTRIBUTION 4010	7	3.610	25	.006	.021
MATERIAL HANDL. (M.T) 4020					
IRON-ORE SIZING (M.T) 4030					
PRODUCT HANDL. (M.T) 4040					
TRANSPORTATION 4050	240	3.307	824	.211	.659
TEST AND INSPECTION 4060	109		840	.092	.720
MAINTENANCE SHDP 5000	76				.720
PLANT ADMINISTRATION 5010	76	25.535	1,831	.066	1.553
MATERIAL COST TOTAL ##	1,194	208.673	249,155	1.013	211.327
VARIABLE COST TOTAL ##			14,535		12.328
FIXED COST TOTAL ##			13,122		11.130
GRAND COST TOTAL ###			276,812		234.785

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THE PHILIPPINES INTEGRATED STEEL MILL PROJECT (FINAL-FY5) COST SHEET DATE JUL-04-1979
PAGE 0007

(XG0) BLOOM CASTING MILL (P07) BLOOM (M.T) PRODUCTION 300 UNIT 1000T/Y
(FOR PROCESS 156)
(FOR SALE 144)

COST ELEMENT (UNIT) CODE	REQUIREMENT 1000QUANT	UNIT PRICE US./QUANT	A M O U N T 1000US.D	UNIT CONSUMP QUANT/T	UNIT COST US./D/T
SINTER (M.T) P03					
BURNT LIME (M.T) P03					
PIG IRON (M.T) P04					
LIQUID STEEL (M.T) P05	319	207.261	66.116	1.063	220.387
SLAB (M.T) P05					
BLOOM (M.T) P07					
BILLET (M.T) P08					
HOT COIL (M.T) P09					
(COST CENTER) #	319	207.260	66.116	1.063	220.387
IRON ORE (M.T) 1001					
LIME STONE (M.T) 1002					
DOLOMITE (M.T) 1003					
FERRO MANGANESE (M.T) 1004					
SILICA (M.T) 1005					
IMPORT COAL (M.T) 1006					
STEEL SCRAP-PURCH (M.T) 1021					
IRON SAND (M.T) 1022					
SCALE RETURN (M.T) 1101					
BF DUST-RETURN (M.T) 1102					
STEEL SCRAP-RET. (M.T) 1103					
IRON SCRAP RET. (M.T) 1104					
SINTER FINE(S) (M.T) 1105					
COKE BREEZE (M.T) 1106					
FERROALLOYS (KG) 1201					
ALUMINUM (KG) 1202					
CALCIUM CARBIDE (KG) 1203					
FLOURSPAR (KG) 1204					
COG (M3) 1901					
TAR & PITCH OIL (M.T) 1902					
LIGHT OIL (M.T) 1903					
BOG (M3) 1904					
LDC (M3) 1905					
STEEL SCRAP (M.T) 1906	17-	192.235	3.268-	.057-	10.893-
IRON SCRAP (M.T) 1907					
MILL SCALE (M.T) 1908	2-	23.500	47-	.007-	.157-
BF DUST (M.T) 1909					
SINTER FINE(S) (M.T) 1910					
COKE BREEZE (M.T) 1911					
LIME ST. (FINE(S)) (M.T) 1912					
BURNT LIME(F.) (M.T) 1913	19-	174.474	3.315-	.063-	11.050-
COG (M3) 2001	1.800	.059	106	6.000	.353
BOG (M3) 2002					
LDC (M3) 2003					
HEAVY OIL (KG) 2004	142	.262	40	.473	.133
BOG (M3) 2005					
LIGHT OIL (KG) 2006			146		.487
ROLL (KG) 2012					
REFRACTORY (KG) 2013	1.446	.918	1.327	4.820	4.423
OTHER VAR. SUPPLIES 2014			53		.177
			1.380		4.600
ELECTRIC-PURCH. (KWH) 2026					
PSC SINTERING COST 2050					
PSC SEA-BERTH LERTAL 2050					
OTHER VARIABLE EXP. 2060				19	.053
				19	.003
MISCELLANEOUS INCOME 2090					
MAINTN. REPAIR SUPPL. 3001			1.100		3.667
OTHER FIXED SUPPLIES 3002			106		.360
			1.208		4.027
LABOR FEE 3010			206		.687
			206		.687
PRDV. FOR BF RELINING 3026					
DEPRECIATION 3050			3.000		10.000
AMORTIZATION 3050					
REAL PROPERTY TAX 3050					
OTHER FIXED EXPENSES 3060			86		.287
			3.086		10.287
OXYGEN (M3 ARG.) (M3) 4001					
ELECTRICITY (KWH) 4002	8.700	.074	51	2.750	.203
BF BLOWER (M3) 4003		.066	578	29.060	1.927
STEAM (M.T) 4004					
SEA-WATER (M3) 4005					
INDUSTRIAL WATER(M3) 4006	515	.111	57	1.717	.190
PORTABLE WATER (M3) 4007	16	.227	4	.053	.013
			700		2.333
GAS-OIL DISTRIBUTION 4010	1	3.610	4	.003	.013
MATERIAL HANDL. (M.T) 4020					
IRON-DRE SIZING (M.T) 4030					
PRODUCT HANDL. (M.T) 4040					
TRANSPORTATION 4050	54	3.307	212	.213	.707
TEST AND INSPECTION 4060	27			.090	.720
			216		
MAINTENANCE SHOP 5090	50	23.469	939	.133	3.130
PLANT ADMINISTRATION 5010	36	26.555	1,008	.127	3.560
			1,947		6.490
MATERIAL COST TOTAL **	300	209.337	62,801	1.000	209.337
VARIABLE COST TOTAL **			2,481		8.203
FIXED COST TOTAL **			6,447		21.490
GRAND COST TOTAL ***			71,709		239.030

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(8) THE PHILIPPINES INTEGRATED STEEL MILL PROJECT (FINAL-F/S) COST SHEET
 DATE JUL-04-1979
 PAGE 0008
 (CODE) COST CENTER (CODE) PRODUCT PRODUCTION UNIT
 (XHO) BILLETING MILL (POB) BILLET (M,T) (FOR PROCESS 150) UNIT 1000T/Y
 (FOR SALE 150)

COST ELEMENT (UNIT) CODE	REQUIREMENT 1000QUANT	UNIT PRICE US.D/QUANT	A M O U N T 1000US.D	UNIT CONSUMP QUANT/Y	UNIT COST US.D/Y
SINTER (M,T) P01					
COKE (M,T) P02					
BURNT-LIME (M,T) P03					
PIG IRON (M,T) P04					
LIQUID STEEL (M,T) P05					
BLOOM (M,T) P06					
BILLET (M,T) P08	156	239.030	37,289	1.040	248.593
HOT COIL (M,T) P09					
(COST CENTER) #	156	239.032	37,289	1.040	248.593
IRON ORE (M,T) 1001					
PIGSTONE (M,T) 1002					
COOLITE (M,T) 1003					
FERRO MANGANESE (M,T) 1004					
SILICON (M,T) 1005					
IMPORT COAL (M,T) 1006					
STL SCRAP-PURCH (M,T) 1021					
IRON SAND (M,T) 1031					
SCALE-RETURN (M,T) 1101					
BF DUST-RETURN (M,T) 1102					
STL SCRAP-RET. (M,T) 1103					
IRON SCRAP RET. (M,T) 1104					
SINTER(FINES) (M,T) 1105					
COKE BREEZE (M,T) 1106					
FERROALLOYS (KG) 1201					
ALUMINUM (KG) 1202					
CALCIUM CARBIDE (KG) 1203					
FLOURSPAR (KG) 1204					
COG (MNS) 1901					
TAR & PITCH OIL (M,T) 1902					
LIGHT OIL (M,T) 1903					
BFG (MNS) 1904					
LPG (MNS) 1905					
STEEL SCRAP (M,T) 1906	3-	192.333	577-	.020-	3,847-
IRON SCRAP (M,T) 1907					
PILE SCALE (M,T) 1908	2-	23.500	47-	.013-	.313-
BF DUST (M,T) 1909					
SINTER(FINES) (M,T) 1910					
COKE BREEZE (M,T) 1911					
LIME ST.(FINES) (M,T) 1912					
BURNT LIME(F.) (M,T) 1913	5-	124.800	624-	.033-	4,160-
COG (MNS) 2001	10,700	.059	629	71.333	4,193
BFG (MNS) 2002	15,600	.009	156	110,667	1,046
HEAVY OIL (KG) 2009	610	.134	82	4,067	547
LPG (KG) 2005	12	.250	3	.080	.020
LIGHT OIL (KG) 2006					
ROLL (KG) 2012			870		5,800
REFRACTORY (KG) 2013	65	1.969	128	.433	.853
OTHER VAR. SUPPLIES 2014			18		.673
ELECTRIC-PURCH.(KWH) 2020			146		.673
PSC SINTERING COST 2040					
PSC SEAM-REATH. LENTAL 2060					
OTHER VARIABLE EXP. 2060			10		.667
MISCELLANEOUS INCOME 2090			10		.667
MAINT. REPAIR SUPPL 3001			600		4,000
OTHER FIXED SUPPLIES 3002			716		4,773
LABOR FEE 3010			295		1,967
PROV. FOR BF RELINING 3020					1,967
DEPRECIATION 3030			1,700		11,333
AMORTIZATION 3040					
REAL PROPERTY TAX 3050					
OTHER FIXED EXPENSES 3060			95		.633
OXYGEN(N2 ARG.) (MNS) 4001	255	.074	19		.133
ELECTRICITY (KWH) 4002	11,250	.066	747	75,000	4,950
BF BLOWN (MNS) 4003					
STEAM (M,T) 4004					
SEA-WATER (M3) 4005					
INDUSTRIAL WATER(M3) 4006	300	.111	33	2,000	.220
PORTABLE WATER (M3) 4007	114	.227	26	.760	.175
GAS-OIL DISTRIBUTION 4010	8	3.610	29	.053	.193
MATERIAL HANDL. (M,T) 4020					
IRON-ORE SIZING(M,T) 4030					
PRODUCT HANDL. (M,T) 4040					
TRANSPORTATION 4050	150	1.361	204	1,000	1,560
TEST AND INSPECTION 4060	14	3.507	49	.083	.687
MAINTENANCE SHOP 5000	23	23.469	540	153	3,600
PLANT ADMINISTRATION 5010	24	26.535	637	160	4,245
MATERIAL COST TOTAL **	151	242.815	36,665	1,007	244,433
VARIABLE COST TOTAL **			2,217		14,780
FIXED COST TOTAL **			3,983		26,553
GRAND COST TOTAL ***			42,865		285,767

THE PHILIPPINES INTEGRATED STEEL MILL PROJECT (FINAL-F/S) C O S T S H E E T
 DATE JUL-04-1979
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PK(CODE) COST CENTER NK (CODE) P R O D U C T PRODUCTION UNIT : 1000T/Y
 (X10) HCT STRIP MILL (P09) HOT COIL (M.T) (FOR PROCESS 0.)
 (FOR SALE 1.052)

COST ELEMENT (UNIT) CODE	REQUIREMENT 1000QUANT	UNIT PRICE US.D./QUANT	A M O U N T 1000US.D	UNIT CONSUMPT QUANT/T	UNIT COST US.D/T
SINTER (M.T) P01					
COKE (M.T) P02					
BURNT-LINE (M.T) P03					
PIG IRON (M.T) P04					
LIQUID STEEL (M.T) P05					
SLAB (M.T) P06	1.079	234.785	253.333	1.026	240.811
BLOOM (M.T) P07					
PILE COIL (M.T) P08					
HOT COIL (M.T) P09					
(COST CENTER) R	1.079	234.785	253.333	1.026	240.811
IRON ORE (M.T) 1001					
LIME STONE (M.T) 1002					
DOLDRITE (M.T) 1003					
FERRO MANGANESE (M.T) 1004					
SILICA (M.T) 1005					
IMPORT COAL (M.T) 1006					
ST. SCRAP-PURCH (M.T) 1007					
IRON SAND (M.T) 1008					
SCALE-RETURN (M.T) 1101					
BF DUST-RETURN (M.T) 1102					
STL SCRAP-RET. (M.T) 1103					
IRON SCRAP-RET. (M.T) 1104					
SINTER(FINES) (M.T) 1105					
COKE BREEZE (M.T) 1106					
FERROALLOYS (KG) 1201					
ALUM SUP (KG) 1202					
CALCIUM CARBIDE (KG) 1203					
FLOURSPAR (KG) 1204					
COG (M3) 1901					
TAR & PITCH OIL (M.T) 1902					
LIGHT OIL (M.T) 1903					
BFG (M3) 1904					
LOG (M3) 1905	15-	192.267	2,884-	.014-	2.741-
STEEL SCRAP (M.T) 1906			236-	.010-	.224-
IRON SCRAP (M.T) 1907					
MILL SCALE (M.T) 1908	10-	23.600			
BF TEST FINES (M.T) 1909					
SINTER FINES (M.T) 1910					
COKE BREEZE (M.T) 1911					
LIME ST. (FINES) (M.T) 1912					
BURNT LINE (F.) (M.T) 1913					
(M.T) R	25-	124.800	3,120-	.024-	2.966-
COG (M3) 2001					
BFG (M3) 2002	121.800	.089	1,145	115.779	1.088
LOG (M3) 2003					
HEAVY OIL (KG) 2004	4.500	.135	607	4.278	.577
LIGHT OIL (KG) 2005					
(KG) R			6,374		6.059
ROLL (KG) 2012	1.260	1.966	2,477	1.198	2.355
REFRACTORY (KG) 2013					
OTHER VAR. SUPPLIES (KG) 2014			736		.700
(KG) R			5,213		3.054
ELECTRIC PURCH. (KWH) 2040					
PSC SINTERING COS. (KWH) 2041					
PSC SEA-BERTH LEV. (KWH) 2050					
OTHER VARIABLE EXP. (KWH) 2060					
(KWH) R			452		.430
(KWH) R			425		.430
MISCELLANEOUS INCOME 2090					
(M) R					
MAINT. REPAIR SUPPL. 3001			5,800		5.513
OTHER FIXED SUPPLIES 3002			6,940		6.169
(M) R					
LABOR FEE 3010			660		.627
(M) R			660		.627
PROV. FOR DE RELINING 3020					
DEPRECIATION 3030			16,900		16.065
AMORTIZATION 3040					
REAL PROPERTY TAX 3050					
OTHER FIXED EXPENSES 3060			590		.523
(M) R			17,450		16.587
OXYGEN ARG. (M3) 4001					
ELECTRICITY (KWH) 4002	116,000	.066	7,703	110.266	7.322
BF BLOWER (M3) 4003					
STEAM (M.T) 4004	13	8.766	114	.012	.108
SEA WATER (M3) 4005					
INDUSTRIAL WATER (M3) 4006	4,200	.111	467	3.992	.444
PORTABLE WATER (M3) 4007	210	.227	48	.200	.046
(M3) R			8,332		7.920
GAS-OIL DISTRIBUTION 4010	60	3.610	217	.057	.206
MATERIAL HANDL. (M.T) 4020					
IRON-ORE SIZING (M.T) 4030					
PRODUCT HANDL. (M.T) 4040	1,052	1.561	1,642	1.060	1.561
TRANSPORTATION (M.T) 4050	216	3.507	768	.283	.673
TEST AND INSPECTION (M.T) 4060	97		2,567	.092	2.440
(M.T) R					
MAINTENANCE SPEC 5000	221	23.449	5,187	.210	4.931
PLANT ADMINISTRATION 5010	210	26.535	5,572	.200	5.267
(M) R			10,759		10.227
MATERIAL COST TOTAL ##	1.054	237.394	250.213	1.002	237.645
VARIABLE COST TOTAL ##			20,938		19.903
FIXED COST TOTAL ##			35,359		33.611
GRAND COST TOTAL ###			306.510		291.359

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THE PHILIPPINES INTEGRATED STEEL MILL PROJECT (FINAL-F/S) COST SHEET DATE JUL-04-1979
 PAGE 0010

RR(CODE) COST CENTER RR (CODE) PRODUCT PRODUCTION 157,089 UNIT : 1000NH3/Y
 (YAO) OXYGEN(N2, AR) PLANT (FOR PROCESS 157,089)
 (FOR SALE 0)

COST-ELEMENT (UNIT) CODE	REQUIREMENT 1000QUANT	UNIT PRICE US./D./QUANT	A P O U N T 1000US./D	UNIT CONSUMP QUANT/Y	UNIT COST US./D./Y
SINTER (M.T.) P01					
COKE (M.T.) P02					
BURNT-LIME (M.T.) P03					
PIG IRON (M.T.) P04					
LIQUID STEEL (M.T.) P05					
SLAB (M.T.) P06					
BLOOM (M.T.) P07					
BILLET (M.T.) P08					
HOT COIL (M.T.) P09					
(COST CENTER)					
IRON ORE (M.T.) 1001					
LIME STONE (M.T.) 1002					
DOLOMITE (M.T.) 1003					
FERRD MANGANESE (M.T.) 1004					
SILICA (M.T.) 1005					
IMPORT COAL (M.T.) 1006					
STL SCRAP-PURCH (M.T.) 1007					
IRON SAND (M.T.) 1008					
SCALE-RETURN (M.T.) 1101					
DUST-RETURN (M.T.) 1102					
STL SCRAP-RET. (M.T.) 1103					
IRN SCRAP-RET. (M.T.) 1104					
SINTER(FINES) (M.T.) 1105					
COKE-BREEZE (M.T.) 1106					
FERRALOYS (KG) 1201					
ALUMINUM (KG) 1202					
CALCIUM CARBIDE (KG) 1203					
FLOURSPAR (KG) 1204					
COG (NH3) 1901					
TAR & PITCH OIL (M.T.) 1902					
LIGHT OIL (M.T.) 1903					
BFG (NH3) 1904					
LPG (M.T.) 1905					
STEEL SCRAP (M.T.) 1906					
IRN SCRAP (M.T.) 1907					
WILL SCALE (M.T.) 1908					
WILL DUST (M.T.) 1909					
SINTER(FINES) (M.T.) 1910					
COKE BREEZE (M.T.) 1911					
LIME ST.(FINES) (M.T.) 1912					
BURNT LIME(F.) (M.T.) 1913					
COG (NH3) 2001					
BFG (NH3) 2002					
LPG (NH3) 2003					
HEAVY OIL (M.T.) 2004					
LPG (KG) 2005					
LIGHT OIL (KG) 2006					
ROLL REFRACTORY (KG) 2017					
OTHER VAR. SUPPLIES 2014					
ELECTRIC-PURCH.(KWH) 2020					
PSC SINTERING COST 2040					
PSC SINTERING RENTAL 2050					
OTHER VARIABLE EXP. 2060					
MISCELLANEOUS INCOME 2096					
MAINT. REPAIR SUPP. 3000					
OTHER FIXED SUPPLIES 3003					
LABOR FEE 3010					
PROV. FOR BF RELINING 3020					
DEPRECIATION 3030					
AMORTIZATION 3040					
REAL PROPERTY TAX 3050					
OTHER FIXED EXPENSES 3060					
OXYGEN(N2, ARG.) (NH3) 4001					
ELECTRICITY (KWH) 4002					
BF BLOWER (M3) 4003	98,650	.066	6,551	.628	.042
STEAM (M.T.) 4004	9	0.023	79	.001	.001
SEA-WATER (M3) 4005	15,230	.111	346	.003	.002
INDUSTRIAL WATER(M3) 4006	500	.227	56		
PORABLE WATER (M3) 4007	5		1		
GAS-OIL DISTRIBUTION 4010			7,033		.045
MATERIAL HANDL. (M.T.) 4020	1	3.610	4		
IRON-ORE SIZING(M.T.) 4030					
PRODUCT HANDL. (M.T.) 4040					
TRANSPORTATION 4050					
TEST AND INSPECTION 4060					
MAINTENANCE SHOP 5000	28	22.550	657		.004
PLANT ADMINISTRATION 5010	28	22.550	743		.005
MATERIAL COST TOTAL **			1,400		.009
VARIABLE COST TOTAL **					
FIXED COST TOTAL **			7,099		.045
GRAND COST TOTAL **			11,655		.074

THE PHILIPPINES INTEGRATED STEEL MILL PROJECT (FINAL-F/S) COST SHEET
 DATE JUL-04-1979
 PAGE 0011

(CODE) COST CENTER (CODE) PRODUCT PRODUCTION UNIT : 1000KWH/Y
 (YB0) POWER GENERATION (FOR PROCESS 480+676)
 (FOR SALE 0)

COST ELEMENT (UNIT) CODE	REQUIREMENT 1000QUANT	UNIT PRICE US./QUANT	AMOUNT 1000US.D	UNIT CONSUMP QUANT/Y	UNIT COST US./Y
SINTER (M.T) P01					
COKE (M.T) P02					
BURNT-LIME (M.T) P03					
PIG IRON (M.T) P04					
LIQUID STEEL (M.T) P05					
SLAB (M.T) P06					
BLOOM (M.T) P07					
BILLET (M.T) P08					
HOT COIL (M.T) P09					
(COST CENTER)					
IRON ORE (M.T) 1001					
LIME STONE (M.T) 1002					
DOLomite (M.T) 1003					
FERRO MANGANESE (M.T) 1004					
SILICA (M.T) 1005					
IMPORT COAL (M.T) 1006					
STL SCRAP-PURCH (M.T) 1021					
IRON SAND (M.T) 1031					
SCALE-RETURN (M.T) 1101					
BF DUST-RETURN (M.T) 1102					
STL SCRAP-RET. (M.T) 1103					
IRON SCRAP RET. (M.T) 1104					
SINTER (FINES) (M.T) 1105					
COKE BREEZE (M.T) 1106					
FERROALLOYS (KG) 1201					
ALUMINUM (KG) 1202					
CALCIUM CARBIDE (KG) 1203					
FLOURSPAR (KG) 1204					
CDG (NH3) 1901					
TAR & PITCH OIL (M.T) 1902					
LIGHT OIL (M.T) 1903					
DFG (NH3) 1904					
DG (NH3) 1905					
STEEL SCRAP (M.T) 1906					
TRM SCRAP (M.T) 1907					
MILL SCALE (M.T) 1908					
BF DUST (M.T) 1909					
INTERFINES (M.T) 1910					
COKE BREEZE (M.T) 1911					
LIME ST. (FINES) (M.T) 1912					
BURNT LIME (F.) (M.T) 1913					
CDG (NH3) 2001	133,200	.059	7,832	.277	.016
DFG (NH3) 2003	762,000	.009	6,975	1,544	.045
DG (NH3) 2005	83,800	.023	1,960	.174	.002
HEAVY OIL (KG) 2004	2,520	.135	340	.005	.001
LIGHT OIL (KG) 2006					
ROLL (KG) 2012					
REFRACTORY (KG) 2013					
OTHER VAR. SUPPLIES 2014			14		
ELECTRIC-PURCH. (KWH) 2020	43,450	.018	782	.090	.002
PSC SINTERING COST 2050			452		.001
PSC SEA-BERTH RENTAL 2050			1,234		.003
OTHER VARIABLE EXP. 2060			931	.108	.002
MISCELLANEOUS INCOME 2090	51,714	.018	931		.002
MAINT. REPAIR SUPPL. 3001			700		.001
OTHER FIXED SUPPLIES 3002			71		.002
LABOR FEE 3010			150		
PROV. FOR BF RELINING 3020			150		
DEPRECIATION 3030			4,400		.009
AMORTIZATION 3040					
REAL PROPERTY TAX 3050			575		.001
OTHER FIXED EXPENSES 3060			4,979		.010
OXYGEN (M3) 4001	32,600	.066	2,165	.068	.005
ELECTRICITY (KWH) 4002					
BF BLOWER (NH3) 4003					
STEAM (M.T) 4004	9	8,766	79		
SEA-WATER (M3) 4005	119,150	.023	2,708	.248	.006
INDUSTRIAL WATER (M3) 4006	70	.111	8		
PORTABLE WATER (M3) 4007			4,960		.010
GAS-OIL DISTRIBUTION 4010	263	3,610	949	.001	.002
MATERIAL HANDL. (M.T) 4020					
IRON-ORE SIZING (M.T) 4030					
PRODUCT HANDL. (M.T) 4040					
TRANSPORTATION 4050					
TEST AND INSPECTION 4060			949		.002
MAINTENANCE SHIP 5000	52	22,595	1,244		.003
PLANT ADMINISTRATION 5010			1,433		.003
			2,167		.006
MATERIAL COST TOTAL **					
VARIABLE COST TOTAL **			23,342		.049
FIXED COST TOTAL **			8,577		.018
GRAND COST TOTAL ***			31,919		.066

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THE PHILIPPINES INTEGRATED STEEL MILL PROJECT (FINAL F/S) C D S T 3 4 2 E T
 DATE JUL-04-1979
 PAGE 0012

RR(CODE) COST CENTER NO (CODE) PRODUCT PRODUCTION UNIT : 1000HP/Y
 (YCR) BFB SLOKER (FOR PROCESS 1,651,000)
 (FOR SALE 6)

COST ELEMENT (UNIT) CODE	REQUIREMENT 1000QUANT	UNIT PRICE US./QUANT	A M O U N T 1000US.D	UNIT CONSUMPTION QUANT/T	UNIT COST US./T
SINTER (M.T) P01					
COKE (M.T) P02					
BURST LIME (M.T) P03					
PIG IRON (M.T) P04					
LIQUID STEEL (M.T) P05					
SLAB (M.T) P06					
BLOOM (M.T) P07					
BILLET (M.T) P08					
HOT OIL (M.T) P09					
(COST CENTER) P					
IRON DRE (M.T) 1001					
LIME STONE (M.T) 1002					
IRON ORE (M.T) 1003					
FERRO MANGANESE (M.T) 1004					
SILICA (M.T) 1005					
IMPORT COAL (M.T) 1006					
STEEL SCRAP PURCH (M.T) 1007					
IRON SAND (M.T) 1008					
SCALE-RETURN (M.T) 1101					
BF DUST-RETURN (M.T) 1102					
BL SCRAP-RET. (M.T) 1103					
IRON SCRAP-RET. (M.T) 1104					
SINTER(FINES) (M.T) 1105					
COKE BREEZE (M.T) 1106					
FERROALLOYS (KG) 1201					
ALUMINA (KG) 1202					
CALCIUM CARBIDE (KG) 1203					
FLOURSPAR (KG) 1204					
CDC (NM3) 1901					
TAR & PITCH OIL (M.T) 1902					
LIGHT OIL (M.T) 1903					
BFC (NM3) 1904					
LDG (NM3) 1905					
STEEL SCRAP (M.T) 1906					
IRON SCRAP (M.T) 1907					
MILL SCALE (M.T) 1908					
BF DUST (M.T) 1909					
SINTER(FINES) (M.T) 1910					
COKE BREEZE (M.T) 1911					
LIME ST. (FINES) (M.T) 1912					
BURST LIME(F.) (M.T) 1913					
CGG (NM3) 2001	15,000				
BFC (NM3) 2002	16,000	.055	1,940	.017	.001
LDG (NM3) 2003	20,000	.009	1,773	.094	.001
HEAVY OIL (KG) 2004	650	.024	680	.011	
LPG (KG) 2005		.135	86		
LIGHT OIL (KG) 2006					
ROLL (KG) 2012			4,248		.002
REFRACTORY (KG) 2013					
OTHER VAR. SUPPLIES (M) 2014			4		
ELECTRIC PURCH. (KWH) 2020					
PSC SINTERING COST (M) 2021					
PSC SEA-BERTH RENTAL (M) 2022					
OTHER VARIABLE EXP. (M) 2023			52		
MISCELLANEOUS INCOME (M) 2096			52		
MAINT. REPAIR SUPPL. (M) 3001			206		
OTHER FIXED SUPPLIES (M) 3002			206		
LABOR FEE (M) 3010			15		
PROV. FOR RE-RELINING (M) 3020			15		
DEPRECIATION (M) 3030					
AMORTIZATION (M) 3043			1,300		.001
REAL PROPERTY TAX (M) 3050			16		
OTHER FIXED EXPENSES (M) 3060			1,316		.001
OXIGEN (M3 ARG.) (M3) 4001					
ELECTRICITY (KWH) 4002	8,100	.066	536	.004	
BF BLOWER (M3) 4003					
STEAM (M3) 4004					
SEA-WATER (M3) 4005	30,650	.022	672	.016	
INDUSTRIAL WATER (M3) 4006	26	.111	2		
PORTABLE WATER (M3) 4007	1	.227			
GAS-OIL DISTRIBUTION (M) 4010	65	3,610	235		.001
SERIAL HANDL. (M.T) 4020					
IRON-ORE SIZING (M.T) 4030					
PRODUCT HANDL. (M.T) 4040					
TRANSPORTATION (M.T) 4050					
TEST AND INSPECTION (M.T) 4060					
MAINTENANCE SHOP (M) 5000	15	23,445	352		
PLANT ADMINISTRATION (M) 5010	12	20,585	252		
MATERIAL COST TOTAL (M) 88			5,776		.003
VARIABLE COST TOTAL (M) 89			2,311		.001
FIXED COST TOTAL (M) 90			8,087		.004
GRAND COST TOTAL (M) 99					

(13) THE PHILIPPINES INTEGRATED STEEL MILL PROJECT (FINAL-F/S) COST SHEET
 DATE JUL-04-1979
 PAGE 0013
 (YD0) PROCESS STEEL GEN.

COST ELEMENT (UNIT) CODE	REQUIREMENT 1000QUANT	UNIT PRICE US. D/QUANT	AMOUNT 1000US.D	UNIT CONSUMP. QUANT/T	UNIT COST US.D/T
SINTER (M.T) P01					
COKE (M.T) P02					
BURNT-LIME (M.T) P03					
PIG IRON (M.T) P04					
LIQUID STEEL (M.T) P05					
SLAB (M.T) P06					
BLOOM (M.T) P07					
BILLET (M.T) P08					
HOT COIL (M.T) P09					
(COST CENTER)					
IRON ORE (M.T) 1001					
LIME STONE (M.T) 1002					
DOLDRITE (M.T) 1003					
FERRO MANGANESE (M.T) 1004					
SILICA (M.T) 1005					
IMPORT CDAL (M.T) 1006					
STEEL SCRAP-PURCH (M.T) 1021					
IRON SAND (M.T) 1031					
SCAP-RETURN (M.T) 1101					
RF DUST-RETURN (M.T) 1102					
STEEL SCRAP-RET. (M.T) 1103					
IRON SCRAP RET. (M.T) 1104					
SINTER(FINES) (M.T) 1105					
COKE BREEZE (M.T) 1106					
FERROALLOYS (KG) 1201					
ALUMINUM (KG) 1202					
CALCIUM CARBIDE (KG) 1203					
FLOURSPAR (KG) 1204					
COG (M ³) 1901					
TAR & PITCH OIL (M ³) 1902					
LIGHT OIL (M ³) 1903					
BFG (M ³) 1904					
LDC (M ³) 1905					
STEEL SCRAP (M ³) 1906					
IRON SCRAP (M ³) 1907					
MILL SCALE (M ³) 1908					
RF DUST (M ³) 1909					
SINTER(FINES) (M ³) 1910					
COKE BREEZE (M ³) 1911					
LIME ST.(FINES) (M ³) 1912					
BURNT LIME(F.) (M ³) 1913					
COG (M ³) 2001	8400	.059	494	53.503	3.148
BFG (M ³) 2002	46600	.009	435	296.815	2.790
LDC (M ³) 2003	9200	.022	202	33.194	.773
HEAVY OIL (KG) 2004	200	.135	27	1.274	.172
LPG (KG) 2005					
LIGHT OIL (KG) 2006					
ROIL (KG) 2007					
REFRACTORY (KG) 2013					
OTHER VAR. SUPPLIES 2014					
ELECTRIC-PURCH. (KWH) 2020					
PSC SINTERING COSTS 2050					
PSC SEA-BERTH LESTAL 2050					
OTHER VARIABLE EXP. 2050					
MISCELLANEOUS INCOME 2090					
MAINT. REPAIR SUPPL. 3001					
OTHER FIXED SUPPLIES 3002					
LABOR FEE 3010					
PROV. FOR EF RELINING 3020					
DEPRECIATION 3050					
AMORTIZATION 3060					
REAL PROPERTY TAX 3050					
OTHER FIXED EXPENSES 3060					
OXYGEN (2 ARG.) (M ³) 4001					
ELECTRICITY (KWH) 4002	2,050	.066	136	13.057	.866
STEAM (M ³) 4003					
SEA-WATER (M ³) 4005					
INDUSTRIAL WATER (M ³) 4006	160	.111	16	1.019	.115
PORTABLE WATER (M ³) 4007					
GAS-OIL DISTRIBUTION 4010					
MATERIAL HANDLING (M.T) 4020					
IRON-ORE SIZING (M.T) 4030					
PRODUCT HANDL. (M.T) 4040					
TRANSPORTATION 4050					
TEST AND INSPECTION 4060					
MAINTENANCE SHGR 5000					
PLANT ADMINISTRATION 5010					
MATERIAL COST TOTAL			1,337		8,516
VARIABLE COST TOTAL			39		.248
FIXED COST TOTAL					
GRAND COST TOTAL			1,376		8,764

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THE PHILIPPINES INTEGRATED STEEL MILL PROJECT (FINAL-P/S) COST SHEET
 DATE JUL-04-1970
 PAGE 0014
 UNIT : 1000M³/Y
 PRODUCTION 181,930
 (FOR PROCESS 181,930)
 (FOR SALT 0)

COST ELEMENT (UNIT) CODE	REQUIREMENT 1000QUANT	UNIT PRICE US./QUANT	A M O U N T 1000US.D.	UNIT CONSUMED QUANT/T	UNIT COST US./T
SINTER (M.T) P01					
COKE (M.T) P02					
BURNT-LIME (M.T) P03					
PIG IRON (M.T) P04					
LIQUID STEEL (M.T) P05					
SLAB (M.T) P06					
BLANKET (M.T) P07					
BILLET (M.T) P08					
HOT COIL (M.T) P09					
(COST CENTER)					
IRON ORE (M.T) 1001					
LIME STONE (M.T) 1002					
ALUMINA (M.T) 1003					
FERRON MANGANESE (M.T) 1004					
SILICA (M.T) 1005					
PIG IRON COAL (M.T) 1006					
STEEL SCRAP PURCH (M.T) 1007					
IRON SAND (M.T) 1008					
SCALE-RETURN (M.T) 1101					
BF DUST-RETURN (M.T) 1102					
SL SCRAP-RET. (M.T) 1103					
IRN SCRAP-RET. (M.T) 1104					
SINTER(FINES) (M.T) 1105					
COKE-BREEZE (M.T) 1106					
FERROALLOYS (KG) 1201					
ALUMINA (KG) 1202					
CALCIUM CARBIDE (KG) 1203					
FLOURSPAR (KG) 1204					
COG (NM3) 1901					
TAR & PITCH OIL (M.T) 1902					
LIGHT OIL (M.T) 1903					
BFG (NM3) 1904					
LPG (NM3) 1905					
STEEL SCRAP (M.T) 1906					
IRN SCRAP (M.T) 1907					
BILL SCALE (M.T) 1908					
BF DUST (M.T) 1909					
SINTER(FINES) (M.T) 1910					
COKE-BREEZE (M.T) 1911					
LIME ST(FINES) (M.T) 1912					
BURNT-LIME (M.T) 1913					
COG (NM3) 2001					
BFG (NM3) 2002					
LPG (NM3) 2003					
HEAVY OIL (M.T) 2004					
LPG (KG) 2005					
LIGHT OIL (KG) 2006					
ROLL (KG) 2012					
REACTORY (KG) 2013					
OTHER VAR. SUPPLIES 2014					
ELECTRIC-PURCH. (KWH) 2050					
PSC SINTER-AG COST 2051					
PSC SEA-BERTH RENTAL 2052					
OTHER VARIABLE EXP. 2060					
MISCELLANEOUS IN-COME 2090					
MAINT. REPAIR SUPPL. 3001			300		.002
OTHER FIXED SUPPLIES 3002			300		.002
LABOR FEE 3010			17		.002
PROV. FOR DEPR. REFINING 3020			17		.002
DEPRECIATION 3030			1,400		.005
AMORTIZATION 3040			40		.002
REAL PROPERTY TAX 3050			1,440		.008
OTHER FIXED EXPENSES 3060			40		.002
OXYGEN (M ³) 4001			1,456		.008
ELECTRICITY (KWH) 4002			1,456		.008
STEAM (M ³) 4003	21,950	.066	1,456	.121	.006
SEA-WATER (M ³) 4004					
INDUSTRIAL WATER (M ³) 4005					
PORTABLE WATER (M ³) 4007					
GAS OIL DISTRIBUTION 4010			1,456		.008
MATERIAL HANDL. (M.T) 4020					
IRON-PEL SIZING (M.T) 4030					
PRODUCT HANDL. (M.T) 4040					
TRANSPORTATION 4050					
TEST AND INSPECTION 4060					
MAINTENANCE SHRP 5002			465		.003
PLANT ADMINISTRATION 5012	20	23,469	465		.003
	17	26,535	465		.003
MATERIAL COST TOTAL			4,135		.023
VARIABLE COST TOTAL					
FIXED COST TOTAL			1,456		.006
GRAND COST TOTAL			2,577		.015
			4,135		.023

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THE PHILIPPINES INTEGRATED STEEL MILL PROJECT (FINAL-F/S) COST SHEET
 DATE JUL-09-1979
 PAGE 0015

(CODE) COST CENTER (CODE) PRODUCT PRODUCTION UNIT : 1000M³/Y
 (YFO) INDUSTRIAL WATER (FOR PROCESS 17,008)
 (FOR SALE 0)

COST ELEMENT (UNIT) CODE	REQUIREMENT 1000QUANT	UNIT PRICE US./QUANT	A M O U N T 1000US.D	UNIT CONSUMP QUANT/Y	UNIT COST US./Y
SINTER (M.T) P01					
COKE-LIME (M.T) P02					
PIG IRON (M.T) P04					
LIQUID STEEL (M.T) P05					
BLDG (M.T) P06					
BILLET (M.T) P06					
HOT COIL (M.T) P09					
(COST CENTER)					
IRON ORE (M.T) 1001					
LIME STONE (M.T) 1002					
DOLYMIT (M.T) 1003					
FERRO MANGANESE (M.T) 1004					
SILICA (M.T) 1005					
IMPOST COAL (M.T) 1006					
STEEL SCRAP-PURCH (M.T) 1021					
IRON SAND (M.T) 1031					
SCALE-RETURN (M.T) 1101					
BY-DUST-RETURN (M.T) 1102					
SL SCRAP-RET. (M.T) 1103					
IRON SCRAP-RET. (M.T) 1104					
SINTER FINES (M.T) 1105					
COKE BREEZE (M.T) 1106					
FERROALLOYS (KG) 1201					
ALUMINA (KG) 1202					
CALCIUM CARBIDE (KG) 1203					
FLOURSPAR (KG) 1204					
CDG (M ³) 1901					
TAR & PITCH OIL (M.T) 1902					
LIGHT OIL (M.T) 1903					
BFG (M ³) 1904					
LPG (M ³) 1905					
STEEL SCRAP (M.T) 1906					
IRON SCRAP (M.T) 1907					
MILL SCALE (M.T) 1908					
BY-DUST (M.T) 1909					
SINTER FINES (M.T) 1910					
COKE BREEZE (M.T) 1911					
LIME ST. FINES (M.T) 1912					
BURNT LIME (F.) (M.T) 1913					
CDG (M ³) 2001					
BFG (M ³) 2002					
LPG (M ³) 2003					
HEAVY OIL (KG) 2004					
LPG (KG) 2005					
LIGHT OIL (KG) 2006					
ROLL (KG) 2011					
REFRACTORY (KG) 2013					
OTHER VAR. SUPPLIES 2014			500		.035
ELECTRIC-PURCH. (KWH) 2020			500		.035
PSC STATERING COST 2040					
PSC SEA-BERTH LENTAL 2050					
OTHER VARIABLE EXP. 2060					
MISCELLANEOUS INCOME 2090					
MAINT. REPAIR SUPPL. 3001			100		.006
OTHER FIXED SUPPLIES 3002			100		.006
LABOR FEE 3010			65		.004
PRIV. FOR SF RELINING 3020			65		.004
DEPRECIATION 3030					
AVORTIZING 3040			500		.029
REAL PROPERTY TAX 3050					
OTHER FIXED EXPENSES 3060			9		.001
OXIGEN (M ³ ARG.) (M ³) 4001					
ELECTRICITY (KWH) 4002					
BY-SLUDGE (M ³) 4003	3,300	.066	252	.223	.015
STEAM (M.T) 4004					
SEA-WATER (M ³) 4005					
INDUSTRIAL WATER (M ³) 4006					
PORTABLE WATER (M ³) 4007			252		.015
GAS-OIL DISTRIBUTION 4010					
MATERIAL HANDL. (M.T) 4020					
IRON-ORE SIZING (M.T) 4030					
PRODUCT HANDL. (M.T) 4040					
TRANSPORTATION 4050					
TEST AND INSPECTION 4060					
MAINTENANCE SHPP 5000					
PLANT ADMINISTRATION 5010			23,469	186	.011
			26,535	376	.022
MATERIAL COST TOTAL				842	.050
VARIABLE COST TOTAL				1,048	.062
FIXED COST TOTAL				1,890	.111
GRAND COST TOTAL					

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THE PHILIPPINES INTEGRATED STEEL MILL PROJECT (FINAL-F/S) C.G.S.T. SHEET
 DATE JUL-04-1970
 PAGE 0016
 UNIT : 10003/Y
 PRODUCTION: 1,727
 (FOR PROCESS 1,727)
 (FOR SALE 0)

COST ELEMENT (UNIT) CODE	REQUIREMENT 1000QUANT	UNIT PRICE US\$/QUANT	A M E U L T 1000US/D	UNIT CONSUME QUANT/T	UNIT COST US/D/T
SINTER (M.T) P01					
COKE (M.T) P02					
BURNT-LIME (M.T) P03					
PIG IRON (M.T) P04					
LIQUID STEEL (M.T) P05					
CLAS (M.T) P06					
BLDG (M.T) P07					
BILLE (M.T) P08					
HOT COIL (M.T) P09					
(COST CENTER) X					
IRON (M.T) 1001					
LIME STONE (M.T) 1002					
DELOMIT (M.T) 1003					
FERRIC MANGANESE (M.T) 1004					
SILICA (M.T) 1005					
IMPORT CDAL (M.T) 1006					
STEEL SCRAP-PURCH (M.T) 1021					
IRON SANG (M.T) 1031					
SCALE-RETURN (M.T) 1101					
BF DUST-RETURN (M.T) 1102					
STEEL SCRAP-RET. (M.T) 1103					
IRON SCRAP-RET. (M.T) 1105					
SINTER(FINES) (M.T) 1106					
COKE BREEZE (M.T) 1106					
FERRALLOYS (KG) 1201					
ALUMINUM (KG) 1202					
CALCIUM CARBIDE (KG) 1204					
FLOURSPAR (KG) 1204					
COG (M3) 1901					
TAR & PITCH OIL (M.T) 1902					
LIGHT OIL (M.T) 1902					
BKG (M3) 1902					
LDG (M3) 1905					
STEEL SCRAP (M.T) 1906					
IRON SCRAP (M.T) 1907					
HILL SCALE (M.T) 1908					
DUST (M.T) 1909					
SINTER(FINES) (M.T) 1910					
COKE BREEZE (M.T) 1911					
LIME ST.(FINES) (M.T) 1912					
BURNT LIME(F.) (M.T) 1913					
COG (M3) 2001					
BKG (M3) 2001					
LDG (M3) 2001					
HEAVY OIL (KG) 2006					
LDG (KG) 2006					
LIGHT OIL (KG) 2006					
ROLL (KG) 2012					
REFRACTORY (KG) 2013					
OTHER VAR. SUPPLIES 2014					
ELECTRIC-PURCH (KWH) 2026					
BSC INTERESTING COST 2026					
PSC SEA-BERTH RENTAL 2050					
OTHER VARIABLE EXP. 2060					
MISCELLANEOUS INCOME 2090					
MAINT. REPAIR SUPPL 3001					
OTHER FIXED SUPPLIES 3002					
LABOR FEE 3010					
DEPR FOR REFINING 3020					
DEPRECIATION 3040					
REAL PROPERTY TAX 3050					
OTHER FIXED EXPENSES 3060					
DYINGHOUSE ARG. (M3) 4001					
ELECTRICITY (KWH) 4002	240	.065	16	.139	.009
BF FLOWER (M3) 4003					
STEAM WATER (M3) 4004					
SEA WATER (M3) 4005					
INDUSTRIAL WATER (M3) 4006					
PORTABLE WATER (M3) 4007					
GAS-OIL DISTRIBUTION 4010					
MATERIAL HANDL (M.T) 4020					
IRON-BRE SIZING (M.T) 4030					
PRODUCT HANDL (M.T) 4040					
TRANSPORT (M.T) 4050					
TEST AND INSPECTION 4060					
MAINTENANCE SUPPL 5000					
PLANT ADMINISTRATION 5010					
MATERIAL COST TOTAL					
VARIABLE COST TOTAL					
FIXED COST TOTAL					
GRAND COST TOTAL					

① THE PHILIPPINES INTEGRATED STEEL MILL PROJECT (FINAL-F/S) COST SHEET
 DATE JUL-04-1979
 PAGE 0017
 (YHO) GAS/OIL DISTRIBUTION PRODUCTION 1,000 UNIT 1
 (FOR PROCESS 1,000)
 (FOR SALE 0)

COST ELEMENT (UNIT) CODE	REQUIREMENT 1000QUANT	UNIT PRICE US./QUANT	A M O U N T 1000US.D	UNIT CONSUMP QUANT/T	UNIT COST US./T
SINTER (M.T) P01					
COKE (M.T) P02					
BURNT-LIME (M.T) P03					
PIG IRON (M.T) P04					
LIQUID STEEL (M.T) P05					
SLAB (M.T) P06					
BLOOM (M.T) P07					
BILLET (M.T) P08					
HOT COIL (M.T) P09					
(COST CENTER)					
IRON ORE (M.T) 1001					
LIME STONE (M.T) 1002					
DOLOMITE (M.T) 1003					
FERRD MANGANESE (M.T) 1004					
STEEL SCALE (M.T) 1005					
IMPORT COAL (M.T) 1006					
STL SCRAP-PURCH (M.T) 1021					
IRON SAND (M.T) 1031					
SCALE-RETURN (M.T) 1101					
BF DUST-RETURN (M.T) 1102					
STL SCRAP-RET. (M.T) 1103					
IRN SCRAP RET. (M.T) 1104					
SINTER(FINES) (M.T) 1105					
COKE BREEZE (M.T) 1106					
FERROALLOYS (KG) 1201					
ALUMINUM (KG) 1202					
CALCIUM CARBIDE (KG) 1203					
FLOURSPAR (KG) 1204					
COG (NM3) 1901					
TAR & PITCH OIL (M.T) 1902					
LIGHT OIL (M.T) 1903					
BFG (NM3) 1904					
LPG (NM3) 1905					
STEEL SCRAP (M.T) 1906					
IRN SCRAP (M.T) 1907					
MILL SCALE (M.T) 1908					
BF DUST (M.T) 1909					
SINTER(FINES) (M.T) 1910					
COKE BREEZE (M.T) 1911					
LIME ST. (FINES) (M.T) 1912					
BURNT LIME (F.) (M.T) 1913					
COG (NM3) 2001					
BFG (NM3) 2002					
LPG (NM3) 2003					
HEAVY OIL (KG) 2004					
LPG (KG) 2005					
LIGHT OIL (KG) 2006					
ROIL (KG) 2012					
REFRACTORY (KG) 2013					
OTHER VAR. SUPPLIES 2014					
ELECTRIC-PURCH. (KAH) 2020					
PSC WATERING COSTS 2050					
PSC SEA-RETH. CAPITAL 2050					
OTHER VARIABLE EXP. 2060					
MISCELLANEOUS INCOME 2090					
MAINT. REPAIR SUPPL. 3001			400		400
OTHER FIXED SUPPLIES 3002			400		400
LABOR FEE 3010			37		037
PROV. FOR BF RELINING 3020					
DEPRECIATION 3030			1,700		1,700
AMORTIZATION 3040					
REAL PROPERTY TAX 3050			30		030
OTHER FIXED EXPENSES 3060			1,739		1,739
OXYGEN (2 ARG.) (M3) 4001	3,250	.066	216	3,250	.216
ELECTRICITY (KG) 4002					
BF-DGKX (M3) 4003					
STEAM (M.T) 4004					
SEA-WATER (M3) 4005	30	.111	3	.030	.003
INDUSTRIAL WATER (M3) 4006					
PORTABLE WATER (M3) 4007			219		.219
GAS-OIL DISTRIBUTION 4010					
MATERIAL HANDL. (M.T) 4020					
IRON-ORE SIZING (M.T) 4030					
PRODUCT HANDL. (M.T) 4040					
TRANSPORTATION 4050					
TEST AND INSPECTION 4060					
MAINTENANCE SHDP 5000	25	21.669	557	325	657
PLANT ADMINISTRATION 5010	21	26.535	557	021	657
MATERIAL COST TOTAL ##					
VARIABLE COST TOTAL ##			219		.219
FIXED COST TOTAL ##			3,390		3,390
GRAND COST TOTAL ###			3,609		3,609

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(18) THE PHILIPPINES INTEGRATED STEEL MILL PROJECT (FINAL-F/S) C O S T S H E E T DATE JUL-04-1979
 PAGE 0016

RR(CODE) COST CENTER RR (CODE) PRODUCT PRODUCTION UNIT : 000T/Y
 (CY10) MATERIAL HANDLING (FOR PROCESS' 4.081)
 (FOR SALE 0)

COST ELEMENT (UNIT) CODE	REQUIREMENT 1000 QUANT	UNIT PRICE US. \$/QUANT	AMOUNT 1000 US. \$	UNIT CONSUMPT QUANT/T	UNIT COST US. \$/T
SINTER (M.T) P01					
COKE (M.T) P02					
BURNT-LIME (M.T) P03					
PIG IRON (M.T) P04					
LIQUID STEEL (M.T) P05					
SLAB (M.T) P06					
BLANKET (M.T) P07					
BILLET (M.T) P08					
HOT COIL (M.T) P09					
(COST CENTER) R					
IRON DRE (M.T) 1001					
LIME STONE (M.T) 1002					
DOLOMITE (M.T) 1003					
FERRO MANGANESE (M.T) 1004					
SILICA (M.T) 1005					
IMPURET COAL (M.T) 1006					
STEEL SCRAP-PURCH (M.T) 1007					
IRON SAND (M.T) 1008					
SCALE-RETURN (M.T) 1101					
BF DUST-RETURN (M.T) 1102					
STEEL SCRAP-RET. (M.T) 1103					
IRON SCRAP-RET. (M.T) 1104					
SINTER(FINES) (M.T) 1105					
COKE BREEZE (M.T) 1106					
FERRO ALLOYS (KG) 1201					
ALUMINUM (KG) 1202					
CALCIUM CARBIDE (KG) 1203					
FLOURSPAR (KG) 1204					
COG (NM3) 1901					
TAR & PITCH OIL (M.T) 1902					
LIGHT OIL (M.T) 1903					
BFG (NM3) 1904					
LOG (NM3) 1905					
STEEL SCRAP (M.T) 1906					
IRON SCRAP (M.T) 1907					
BF DUST (M.T) 1908					
SCALE (M.T) 1909					
SINTER(FINES) (M.T) 1910					
COKE BREEZE (M.T) 1911					
LIME ST. FINES (M.T) 1912					
BURNT-LIME(F.) (M.T) 1913					
COG (NM3) 2001					
BFG (NM3) 2002					
LPG (KG) 2003					
HEAVY OIL (KG) 2004					
LPG (KG) 2005					
LIGHT OIL (KG) 2006					
ROLL REFRACTORY (KG) 2012					
OTHER VAR. SUPPLIES 2014			39		.010
ELECTRIC-PURCH.(KWH) 2020			39		.010
PSC SINTERING COST 2040					
PSC FURNACE-RENTAL 2050					
OTHER VARIABLE EXP. 2050					
MISCELLANEOUS INCOME 2090	2.095	1.150	2.409	.513	.590
MAINT. REPAIR SUPPL. 3003					
OTHER FIXED SUPPLIES 3004					
LABOR FEE 3010					
PROV FOR BF RELINING 3020					
DEPRECIATION 3030					
AMORTIZATION 3040					
REAL PROPERTY TAX 3050					
OTHER FIXED EXPENSES 3060					
OXYGEN(ARG.) (NM3) 4001					
ELECTRICITY (KWH) 4002					
BF BLOWER (NM3) 4003	9.800	.066	651	2.401	.160
STEAM (M.T) 4004					
SEA-WATER (M3) 4005					
INDUSTRIAL WATER (M3) 4006	285	.111	32	.071	.008
PORTABLE WATER (M3) 4007	72	.227	16	.018	.004
GAS-OIL DISTRIBUTION 4010			649		.171
MATERIAL HANDLING (M.T) 4020					
IRON-DRE SIZING (M.T) 4030					
PRODUCT HANDLING (M.T) 4040					
TRANSPORTATION 4050					
TEST AND INSPECTION 4060					
MAINTENANCE SHOP 5000	73	23.469	1,707	.017	.443
PLANT ADMINISTRATION 5010	74	26.535	1,944	.016	.491
MATERIAL COST TOTAL RR			3,771		.924
VARIABLE COST TOTAL RR					
FIXED COST TOTAL RR			3,147		.771
GRAND COST TOTAL RR			11,925		2.938
			15,136		3.709

(19) THE PHILIPPINES INTEGRATED STEEL MILL PROJECT (FINAL-F/S) COST SHEET
 DATE JUL-04-1979
 PAGE 0019

HN(CODE) COST CENTER HN(CODE) PRODUCT PRODUCTION UNIT : 000T/Y
 (VJ) IRON-ORE SIZING (FOR PROCESS 930)
 (FOR SALE 0)

COST ELEMENT (UNIT) CODE	REQUIREMENT 1000QUANT	UNIT PRICE US.D/QUANT	AMOUNT 1000US.D	UNIT CONSUMP QUANT/T	UNIT COST US.D/T
SINTER (M.T) P01					
COKE (M.T) P02					
BURNT LIME (M.T) P03					
PIG IRON (M.T) P04					
LIQUID STEEL (M.T) P05					
SLAB (M.T) P06					
BLOOM (M.T) P07					
BILLET (M.T) P08					
HOT COIL (M.T) P09					
(COST CENTER)					
IRON ORE (M.T) 1001					
LIME STONE (M.T) 1002					
DOLDRITE (M.T) 1003					
FERRD MANGANESE (M.T) 1004					
SILICA (M.T) 1005					
IMPORT COAL (M.T) 1006					
STL SCRAP-PURCH (M.T) 1021					
IRON SAND (M.T) 1031					
SCALE-RETURN (M.T) 1101					
BF DUST-RETURN (M.T) 1102					
STL SCRAP-RET. (M.T) 1103					
TRN SCRAP RET. (M.T) 1104					
SINTER(FINES) (M.T) 1105					
COKE BREEZE (M.T) 1106					
FERROALLOYS (KG) 1201					
ALUMINUM (KG) 1202					
CALCIUM CARBIDE (KG) 1203					
FLOURSPAR (KG) 1204					
COG (M3) 1901					
TAR & PITCH DIL (M3) 1902					
LIGHT OIL (M3) 1903					
BFG (M3) 1904					
LPG (M3) 1905					
STEEL SCRAP (M.T) 1906					
TRN SCRAP (M.T) 1907					
MIL SCALE (M.T) 1908					
BF DUST (M.T) 1909					
SINTER(FINES) (M.T) 1910					
COKE BREEZE (M.T) 1911					
LIME STONE (M.T) 1912					
BURNT LIME(F.) (M.T) 1913					
COG (M3) 2001					
BFG (M3) 2002					
LPG (M3) 2003					
HEAVY OIL (KG) 2004					
LPG (KG) 2005					
LIGHT OIL (KG) 2006					
REF (KG) 2013					
REFACTORY (KG) 2015					
OTHER VAR. SUPPLIES 2014					
ELECTRIC-PURCH. (KWH) 2020					
PSC SINTERING COST 2040					
PSC SCRAP-RETURN LITL 2041					
OTHER VARIABLE EXP. 2060					
MISCELLANEOUS INCOME 2090					
HAZAR. REPAIR SUPPL. 3001			100		.100
OTHER FIXED SUPPLIES 3002			100		.100
LABOR FEE 3010			64		.064
PROV. FOR BF RELINING 3020					
DEPRECIATION 3030			800		.800
AMORTIZATION 3040					
REAL PROPERTY TAX 3050					
OTHER FIXED EXPENSES 3060			800		.800
OXYGEN (M2 ARG.) (M3) 4001					
ELECTRICITY (KWH) 4002	1.860	.066	124	2.000	.133
BF BLOWER (M3) 4003					
STEAM (M.T) 4004					
SEA-WATER (M3) 4005					
INDUSTRIAL WATER (M3) 4006					
PORTABLE WATER (M3) 4007			124		.133
GAS-OIL DISTRIBUTION 4010					
MATERIAL HANDL. (M.T) 4020					
IRON-ORE SIZING (M.T) 4030					
PRODUCT HANDL. (M.T) 4040					
TRANSPORTATION 4050					
TEST AND INSPECTION 4060					
MAINTENANCE SHOP 5000	9	23.469	211	.010	.227
PLANT ADMINISTRATION 5010	10	20.535	205	.011	.216
MATERIAL COST TOTAL			124		.133
VARIABLE COST TOTAL			1,440		1.548
FIXED COST TOTAL					1.548
GRAND COST TOTAL			1,564		1.682

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 (20) THE PHILIPPINES INTEGRATED STEEL MILL PROJECT (FINAL-F/S) COST SHEET *****

 DATE JUL-04-1979
 PAGE 0020

##(CODE) COST CENTER ## (CODE) PRODUCT PRODUCTION UNIT : 000T/Y
 (CYK0) PRODUCT HANDLING (FOR PROCESS 1,202)
 (FOR SALE 0)

COST ELEMENT (UNIT) CODE	REQUIREMENT 1000QUANT	UNIT PRICE US./QUANT	AMOUNT 1000US.D	UNIT CONSUMP QUANT/T	UNIT COST US./T
SINTER (M.T) P01					
COKE (M.T) P02					
BURNT-LIME (M.T) P03					
PIG IRON (M.T) P04					
LIQUID STEEL (M.T) P05					
SLAB (M.T) P06					
BLOOM (M.T) P07					
BILLET (M.T) P08					
HOT COIL (M.T) P09					
(COST CENTER) #					
IRON ORE (M.T) 1001					
LIME STDAE (M.T) 1002					
DELOMITE (M.T) 1003					
FERRON-MANGANESE (M.T) 1004					
SILICA (M.T) 1005					
IMPORT COAL (M.T) 1006					
STL SCRAP-PURCH (M.T) 1021					
IRON SAND (M.T) 1031					
SCALE-RETURN (M.T) 1101					
BF DUST-RETURN (M.T) 1102					
STL SCRAP-RET. (M.T) 1103					
IRON SCRAP RET. (M.T) 1104					
SINTER(FINES) (M.T) 1105					
COKE BREEZE (M.T) 1106					
#					
FERROALLOYS (KG) 1201					
ALUMINUM (KG) 1202					
CALCIUM CARBIDE (KG) 1203					
FLOURSPAR (KG) 1204					
#					
COG (NM3) 1901					
TAR & PITCH OIL (M.T) 1902					
LIGHT OIL (M.T) 1903					
BF (NM3) 1904					
LDC (NM3) 1905					
STEEL SCRAP (M.T) 1906					
IRON SCRAP (M.T) 1907					
MILL SCALE (M.T) 1908					
BF DUST (M.T) 1909					
SINTER(FINES) (M.T) 1910					
COKE BREEZE (M.T) 1911					
LIME ST (FINES) (M.T) 1912					
BURNT LIME(F.) (M.T) 1913					
#					
COG (NM3) 2001					
BF (NM3) 2002					
LDC (NM3) 2003					
HEAVY OIL (KG) 2004					
LRG (KG) 2005					
LIGHT OIL (KG) 2006					
#					
ROLL (KG) 2012					
REFRACTORY (KG) 2013					
OTHER VAR. SUPPLIES 2014					
#					
ELECTRIC-PURCH. (KWH) 2020					
ELC SINTERING COST 2021					
PSC SEA-BERTH LENTAL 2022					
OTHER VARIABLE EXP. 2000					
#					
MISCELLANEOUS INCOME 2090					
#					
MAINT. REPAIR SUPPL 3001					
OTHER FIXED SUPPLIES 3002					
#					
LABOR FEE 3010					
#					
PROV FOR BF RELINING 3020					
DEPRECIATION 3030					
AMORTIZATION 3040					
REAL PROPERTY TAX 3050					
OTHER FIXED EXPENSES 3060					
#					
OXYGEN (M3) ARG. (M3) 4001					
ELC (KWH) 4002					
BF BLOWER (M3) 4003	720	.066	46	.599	.040
STEAM (M.T) 4004					
SEA-WATER (M3) 4005					
INDUSTRIAL WATER (M3) 4006					
PORTABLE WATER (M3) 4007					
#					
GAS-OIL DISTRIBUTION 4010					
MATERIAL HANDL. (M.T) 4020					
PRODUCT SIZING (M.T) 4030					
PRODUCT H2-OL. (M.T) 4040					
TRANSPORTATION 4050					
TEST AND INSPECTION 4060					
#					
MAINTENANCE SHOP 5000					
PLANT ADMINISTRATION 5015	12	23.469	282	.010	.235
#					
MATERIAL COST TOTAL ##					
VARIABLE COST TOTAL ##			133		.111
FIXED COST TOTAL ##			1,743		1.450
GRAND COST TOTAL ###			1,876		1.561

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② THE PHILIPPINES INTEGRATED STEEL MILL PROJECT (FINAL F/S) C.D.S.T. SHEET DATE JUL-04-1979
 PAGE 0021

HH(CODE) COST CENTER HH I(CODE) PRODUCT PRODUCTION UNIT :
 (YLO) TRANSPORTATION (FOR PROCESS 1+000)
 (FOR SALE 0)

COST ELEMENT (UNIT) CODE	REQUIREMENT 1000QUANT	UNIT PRICE US./QUANT	A M O U N T 1000US.D	UNIT CONSUMP QUANT/T	UNIT COST US./T
SINTER (M.T) P01					
COKE (M.T) P02					
BURNT-LIME (M.T) P03					
PIG-IRON (M.T) P04					
LIQUID STEEL (M.T) P05					
SLAB (M.T) P06					
BLOOM (M.T) P07					
BILLET (M.T) P08					
HOT COIL (M.T) P09					
(COST CENTER)					
IRON ORE (M.T) 1001					
LIME STONE (M.T) 1002					
DOLOMITE (M.T) 1003					
FERRO MANGANESE (M.T) 1004					
SI-MN (M.T) 1005					
JAPANESE COAL (M.T) 1006					
STEEL SCRAP-PURCH (M.T) 1021					
IRON SAND (M.T) 1031					
SCALE-RETURN (M.T) 1101					
BF DUST-RETURN (M.T) 1102					
STEEL SCRAP-RET. (M.T) 1103					
IRON SCRAP RET. (M.T) 1104					
INTERF. FINES (M.T) 1105					
COKE BREZZE (M.T) 1106					
FERROALLOYS (KG) 1201					
ALUMINUM (KG) 1202					
CALCIUM CARBIDE (KG) 1203					
FLOURSPAR (KG) 1204					
CDG (MM3) 1901					
TAR & PITCH OIL (M.T) 1902					
LIGHT OIL (M.T) 1903					
BFG (MM3) 1904					
LPG (MM3) 1905					
STEEL SCRAP (M.T) 1906					
IRON SCRAP (M.T) 1907					
MILL SCALE (M.T) 1908					
BF DUST (M.T) 1909					
SINTER(FINES) (M.T) 1910					
COKE BREZZE (M.T) 1911					
LIME ST. (FINES) (M.T) 1912					
BURNT LIME(F.) (M.T) 1913					
CDG (MM3) 2001					
BFG (MM3) 2002					
LPG (MM3) 2003					
HEAVY OIL (KG) 2004					
LPG (KG) 2005					
LIGHT OIL (KG) 2006	4,721	.106	500	4,721	.500
ROLL (KG) 2013			97		.097
REFRACTORY (KG) 2014			97		.097
OTHER VAR. SUPPLIES 2014					
ELECTRIC-PURCH. (KWH) 2020					
PSC SINTERING COST 2040					
PSC SEA-BERTH RENTAL 2050					
OTHER VARIABLE EXP. 2060					
MISCELLANEOUS INCOME 2090					
MAINT. REPAIR SUPPL. 3001			200		.200
OTHER FIXED SUPPLIES 3002			200		.200
LABOR FEE 3010			244		.244
PROV. FOR BF RELINING 3020			244		.244
DEPRECIATION 3030					
AMORTIZATION 3040			1,085		1.085
REAL PROPERTY TAX 3050					
OTHER FIXED EXPENSES 3060			120		.120
OXYGEN (2 ARG.) (MM3) 4001			1,205		1.205
ELECTRICITY (KWH) 4002	481	.066	32	.481	.032
BF GASES (MM3) 4003					
STEAM (M.T) 4004					
SEA-WATER (M3) 4005					
INDUSTRIAL WATER (M3) 4006					
PORTABLE WATER (M3) 4007	598	.227	136	.598	.136
GAS-OIL DISTRIBUTION 4010			166		.166
MATERIAL HANDL. (M.T) 4020					
IRON-ORE SIZING (M.T) 4030					
PRODUCT HANDL. (M.T) 4040					
TRANSPORTATION 4050					
TEST AND INSPECTION 4060					
MAINTENANCE SHOP 5000			469	.620	.469
PLANT ADMINISTRATION 5010	20	23.569	425	.016	.425
MATERIAL COST TOTAL			866		.866
VARIABLE COST TOTAL			765		.765
FIXED COST TOTAL			2,543		2,543
GRAND COST TOTAL			3,308		3,308

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22 THE PHILIPPINES INTEGRATED STEEL MILL PROJECT (FINAL-F/S) COST SHEET DATE JUL-04-1979
 PAGE 0022

MR(CODE) COST CENTER (CODE) PRODUCT PRODUCTION UNIT
 (YMD TEST AND INSPECTION) (FOR PROCESS G)
 (FOR SALE 0)

COST ELEMENT (UNIT) CODE	REQUIREMENT 1000QUANT	UNIT PRICE US.D/QUANT	A M O U N T 1000US.D	UNIT CONSUMPT QUANT/T	UNIT COST US.D/T
SINTER (M.T) P01					
COKE (M.T) P02					
BURNT-LIME (M.T) P03					
PIG IRON (M.T) P04					
LIQUID STEEL (M.T) P05					
LABOR (M.T) P06					
BLOOM (M.T) P07					
SLAB (M.T) P08					
HOT COIL (M.T) P09					
(COST CENTER)					
IRON ORE (M.T) 1001					
LIME STONE (M.T) 1001					
POLYMER (M.T) 1005					
FERRO-MANGANESE (M.T) 1004					
SILICA (M.T) 1006					
IMPORT COAL (M.T) 1006					
STEEL SCRAP-PURCH (M.T) 1051					
IRON SAND (M.T) 1052					
SCALE-RETURN (M.T) 1101					
BF DUST-RETURN (M.T) 1102					
STL SCRAP-RET. (M.T) 1103					
IRON SCRAP-RET. (M.T) 1104					
SINTER(FINES) (M.T) 1105					
COKE BREEZE (M.T) 1106					
FERROALLOYS (KG) 1201					
ALUMINUM (KG) 1202					
CALCIUM CARBIDE (KG) 1204					
FLOURSPAR (M.T) 1204					
COG (NM3) 1901					
TAR & PITCH OIL (M.T) 1902					
LIGHT OIL (M.T) 1903					
BFG (NM3) 1904					
LDG (NM3) 1905					
STEEL SCRAP (M.T) 1906					
IRON SCRAP (M.T) 1907					
MILL SCALE (M.T) 1908					
BLAST DUST (M.T) 1909					
SINTER(FINES) (M.T) 1910					
COKE BREEZE (M.T) 1911					
LIME ST.(FINES) (M.T) 1912					
BURNT LIME(F.) (M.T) 1913					
COKE (NM3) 2001					
BFG (NM3) 2002					
LDG (NM3) 2003					
HEAVY OIL (KG) 2004					
PG (KG) 2005					
LIGHT OIL (KG) 2006					
ROLL (KG) 2012					
REFRACTORY (KG) 2013					
OTHER VAR. SUPPLIES 2014					
ELECTRIC-PURCH (KWH) 2020			140		
PSC SINTERING COST 2020			140		
PSC SEA-BERTH RENTAL 2050					
OTHER VARIABLE EXP. 2060					
MISCELLANEOUS INCOME 2090					
MAINT. REPAIR SUPPL 3001					
OTHER FIXED SUPPLIES 3002					100
LABOR FEE 3010					100
PRG. FOR BF RELINING 3020					210
DEPRECIATION 3030					210
AMORTIZATION 3040					600
REAL PROPERTY TAX 3050					600
OTHER FIXED EXPENSES 3060					51
OXIGEN (2 ARG.) (NM3) 4001					651
ELECTRICITY (KWH) 4002	208	.074			
BF BLOWER (M3) 4003		.066	14		
SEA-WATER (M3) 4004					
INDUSTRIAL WATER (M3) 4006					
PORTABLE WATER (M3) 4007	52	.227	12		
GAS-OIL DISTRIBUTION 4610					27
MATERIAL HANDL.(M.T) 4620					
IRON-ORE SIZING(M.T) 4630					
PRODUCT HANDL. (M.T) 4640					
TRANSPORTATION 4650					
TEST AND INSPECTION 4660					
MAINTENANCE SHOP 5000					144
PLANT ADMINISTRATION 5010	10	23.449	234		265
MATERIAL COST TOTAL GR					429
VARIABLE COST TOTAL GR					167
FIXED COST TOTAL GR					1,399
GRAND COST TOTAL GR					1,566

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23 THE PHILIPPINES INTEGRATED STEEL MILL PROJECT (FINAL-F/S) COST SHEET DATE JUL-04-1979
 PAGE 0023

HN(CODE) COST CENTER HN(CODE) PRODUCT PRODUCTION UNIT:
 (LYND) MAINTENANCE SHOP (FOR PROCESS 1,000)
 (FOR SALE 0)

COST ELEMENT (UNIT) CODE	REQUIREMENT 1000QUANT	UNIT PRICE US.D/QUANT	A M O U N T 1000US.D	UNIT CONSUMP QUANT/T	UNIT COST US.D/T
SINTER (M.T) P02					
BURNT-LIME (M.T) P03					
PIG IRON (M.T) P04					
LIQUID STEEL (M.T) P05					
SLAB (M.T) P06					
BLOCK (M.T) P07					
BILLET (M.T) P08					
HOT ROLL (M.T) P09					
(COST CENTER)					
IRON ORE (M.T) 1001					
LIME STONE (M.T) 1002					
DOLomite (M.T) 1003					
FERO MANGANESE (M.T) 1004					
SILICA (M.T) 1005					
IMPORT COAL (M.T) 1006					
STL SCRAP PURCH (M.T) 1007					
IRON SAND (M.T) 1031					
SCALE-RETURN (M.T) 1101					
BF DUST-RETURN (M.T) 1102					
IRON SCRAP-RET. (M.T) 1103					
SINTER(FINES) (M.T) 1105					
COKE BREEZE (M.T) 1106					
FERROALLOYS (KG) 1201					
ALUMINUM (KG) 1202					
CALCIUM CARBIDE (KG) 1203					
FLOURSPAR (KG) 1204					
COG (M3) 1901					
TAR & BITCH OIL (M.T) 1902					
LIGHT OIL (M3) 1903					
BFG (M3) 1904					
LPG (M3) 1905					
STEEL SCRAP (M.T) 1906					
IRON SCRAP (M.T) 1907					
HILL SCALE (M.T) 1908					
BF DUST (M.T) 1909					
SINTER(FINES) (M.T) 1910					
COKE BREEZE (M.T) 1911					
LIME ST.(FINES) (M.T) 1912					
BURNT LIME(F.S) (M.T) 1913					
COG (M3) 2001	13.100	.059	770	13.100	.770
BFG (M3) 2002					
LPG (M3) 2003					
HEAVY OIL (M3) 2004					
LPG (M3) 2005					
LIGHT OIL (M3) 2006			770		.770
ROLL (KG) 2012					
REFRACTORY (KG) 2013					
OTHER VAR. SUPPLIES					
ELECTRIC-PURCH (KWH) 2050					
PSC SINTERING COST 2060					
PSC SEA-BERTH LEATL 2058					
OTHER VARIABLE EXP. 2060					
MISCELLANEOUS INCOME 2090					
MAINT. REPAIR SUPPL 3001			1,200		1.200
OTHER FIXED SUPPLIES 3002					
LABOR FEE 3010			1,832		1.832
PROV FOR RE-RELINING 3020					
DEPRECIATION 3050			3,078		3.078
AMORTIZATION 3060					
REAL PROPERTY TAX 3050					
OTHER FIXED EXPENSES 3060			14,000		14.000
			17,078		17.078
OXYGENING ARG. (M3) 4001					
ELECTRICITY (KWH) 4002					
BF BLOWER (M3) 4003					
SEA WATER (M3) 4004					
SEA WATER (M3) 4005					
INDUSTRIAL WATER (M3) 4006					
PORTABLE WATER (M3) 4007					
GAS-OIL DISTRIBUTION 4010	4	3,610	14	.004	.014
MATERIAL HANDL (M.T) 4020					
IRON-ORE SIZING (M.T) 4030					
PRODUCT HANDL (M.T) 4040					
TRANSPORTATION 4050					
TEST AND INSPECTION 4060					
			14		.014
MAINTENANCE SHOP 5000		23,469	1,000	.000	1.000
PLANT ADMINISTRATION 5010	59	26,535	1,566	.059	1.566
			2,575		2.575
MATERIAL COST TOTAL					
VARIABLE COST TOTAL			784		.784
FIXED COST TOTAL			22,685		22.685
GRAND COST TOTAL			23,469		23.469

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THE PHILIPPINES INTEGRATED STEEL MILL PROJECT (FINAL-F/S) COST SHEET DATE JUL-04-1979
 PAGE 0024

NY(CODE) COST CENTER NY (CODE) PRODUCT PRODUCTION 1,000 UNIT
 (YCD) PLANT ADMINISTRATION (FOR PROCESS 1,000)
 (FOR SALE 0)

COST ELEMENT (UNIT) CODE	REQUIREMENT 1000QUANT	UNIT PRICE US./QUANT	AMOUNT 1000US./	UNIT CONSUMP QUANT/T	UNIT COST US./T
SINTER (M.T) P01					
COKE (M.T) P02					
BURNT-LIME (M.T) P03					
PIG IRON (M.T) P04					
LIQUID STEEL (M.T) P05					
SLAB (M.T) P06					
BLOOM (M.T) P07					
BILLET (M.T) P08					
HEAT COIL (M.T) P09					
(COST CENTER) H					
IRON ORE (M.T) 1001					
LIME STONE (M.T) 1002					
DOLPHITE (M.T) 1003					
FERRO MANGANESE (M.T) 1004					
SILICA (M.T) 1005					
IMPORT COAL (M.T) 1006					
STEEL SCRAP-PURCH (M.T) 1007					
IRON SAND (M.T) 1008					
H					
SCALE-RETURN (M.T) 1101					
BF DUST-RETURN (M.T) 1102					
STEEL SCRAP-RET. (M.T) 1103					
IRON SCRAP (M.T) 1104					
SINTER(FINES) (M.T) 1105					
COKE BREEZE (M.T) 1106					
H					
FERROALLOYS (KG) 1201					
ALUMINUM (KG) 1202					
CALCIUM CARBIDE (KG) 1203					
FLOURSPAR (KG) 1204					
H					
COG (MM3) 1901					
TAR & PITCH OIL (M.T) 1902					
LIGHT OIL (M.T) 1903					
BFG (MM3) 1904					
LOG (MM3) 1905					
STEEL SCRAP (M.T) 1906					
IRON SCRAP (M.T) 1907					
WELL SCALE (M.T) 1908					
REFRACTORY (M.T) 1909					
SINTER(FINES) (M.T) 1910					
COKE BREEZE (M.T) 1911					
LIME ST.(FINES) (M.T) 1912					
BURNT LIME(F.) (M.T) 1913					
H					
COG (MM3) 2001					
BFG (MM3) 2002					
LOG (MM3) 2003					
HEAVY OIL (KG) 2004					
LPG (KG) 2005					
LIGHT OIL (KG) 2006					
H					
ROLL (KG) 2012					
REFRACTORY (KG) 2013					
OTHER VAR. SUPPLIES (KG) 2014					
H					
ELECTRIC-PURCH (MM3) 2021					
PSC SINTERING COST (MM3) 2022					
PSC SEA-BERTH LERTIAL (MM3) 2023					
OTHER VARIABLE EXP. (MM3) 2024					
H					
MISCELLANEOUS INCOME 2096					
MAINT. REPAIR SUPPL. (M) 3001			500		.500
OTHER FIXED SUPPLIES (M) 3002			500		.500
H					
LABOR FEE 3010			1,319		1.319
H			1,319		1.319
PROV. FOR DEPR. RELINING 3020					
DEPRECIATION 3030					
AMORTIZATION 3040			1,912		1.912
REAL PROPERTY TAX 3050			4,086		4.086
OTHER FIXED EXPENSES 3060			14,630		14.630
H			1,065		1.065
OXIGEN(N2 ARG.) (MM3) 4001			22,382		22.382
ELECTRICITY (KWH) 4002	3,341	.066	222	3.341	.222
BF BLOWER (HP) 4003					
STEAM (M.T) 4004	23	8.766	202	.023	.202
SEA-WATER (M3) 4005					
INDUSTRIAL WATER(M3) 4006					
PORTABLE WATER (M3) 4007	223	.227	51	.223	.051
H			475		.475
COST OF DISTRIBUTION 4010					
MATERIAL HANDL. (M.T) 4020	2	3.610	7	.002	.007
IRON ORE SIZING(M.T) 4030					
PRODUCT HANDL. (M.T) 4040					
TRANSPORTATION 4050					
TEST AND INSPECTION 4060			7		.007
H					
MAINTENANCE SHOP 5000	36	23.469	845	.036	.845
PLANT ADMINISTRATION 5010	38	26.535	1,006	.038	1.006
H			1,851		1.851
MATERIAL COST TOTAL MM					
VARIABLE COST TOTAL MM			462		.462
FIXED COST TOTAL MM			26,054		26.054
GRAND COST TOTAL MMM			26,536		26.536

14-2 その他計算資料

Table 14-2-1 Raw materials cost detail

1. Iron ore & pellet

Cost center		Total			Sintering plant			Blast furnace			Basic oxygen furnace		
Production		-			1,367.0 (10 ³ t/y)			1,434.0 (10 ³ t/y)			1,569.0 (10 ³ t/y)		
Item	Annual quantity required 10 ³ ton	Unit price \$/ton	Sum in 10 ³ \$	Annual quantity required 10 ³ ton	Unit consumption kg/ton	Cost per ton \$/ton	Sum in 10 ³ \$	Annual quantity required 10 ³ ton	Unit consumption kg/ton	Cost per ton \$/ton	Annual quantity required 10 ³ ton	Unit consumption kg/ton	Cost per ton \$/ton
Australia (Unscreened)	(535)	(25.60)	(13,696)										
Brasil (")	(222)	(26.12)	(5,799)										
India (")	(145)	(28.12)	(4,077)										
Pellet (")	(517)	(34.41)	(17,790)										
Australia (Lump)	294	26.75	7,864					294	205.0	5,484			
Brasil (")	122	27.21	3,320					122	85.1	2,315			
India (")	80	31.86	2,548					49	34.2	1,089	31	19.8	0.629
Pellet (")	491	34.97	17,171					491	342.4	11,974			
Australia (Undersize)	241	24.20	5,832	241	176.3	4.266	5,832						
Brasil (")	100	24.79	2,479	100	73.2	1.813	2,479						
India (")	65	23.52	1,529	65	47.5	1.119	1,529						
Pellet (")	26	23.82	619	26	19.0	0.453	619						
Australia (Fine ore)	234	22.55	5,277	234	171.2	3.860	5,277						
Brasil (")	279	25.23	7,039	279	204.1	5.149	7,039						
India (")	90	21.35	1,922	90	65.8	1.407	1,922						
Iron ore and Pellet total	2,022	27.50	55,600	1,035	757.1	18,067	24,697	956	666.7	20,862	31	19.8	0.629

2. Coal

Cost center		Coke oven			
Production		746.0 (10 ³ t/y)			
Item	10 ³ ton (dry ton)	\$/ton	10 ³ \$	kg/ton	\$/ton
U.S. (L.V.)	95	104.23	9,902	127.3	13,273
(M.V.)	178	102.30	18,209	238.6	24,409
Australian (Hard)	296	70.95	21,001	396.8	28,151
(Semi-hard)	474	71.23	33,763	635.4	45,259
(Soft)	143	66.10	9,452	191.7	12,671
Coal total	1,186	77.85	92,327	1,589.8	123,763

3. Ferroalloy

Cost center		Basic oxygen furnace			
Production		1,569.0 (10 ³ t/y)			
Item	10 ³ ton	\$/ton	10 ³ \$	kg/ton	\$/ton
Fe Mn (HC)	0.6	493.14	296	0.4	0.189
Fe Mn (MC)	0.8	463.14	371	0.5	0.236
Fe Mn (LC)	1.6	1,050.14	1,680	1.0	1.071
Fe Si	0.9	565.14	509	0.6	0.324
Si Mn	6.8	480.14	3,265	4.3	2.081
Ferroalloy total	10.7	572.06	6,121	6.8	3.901

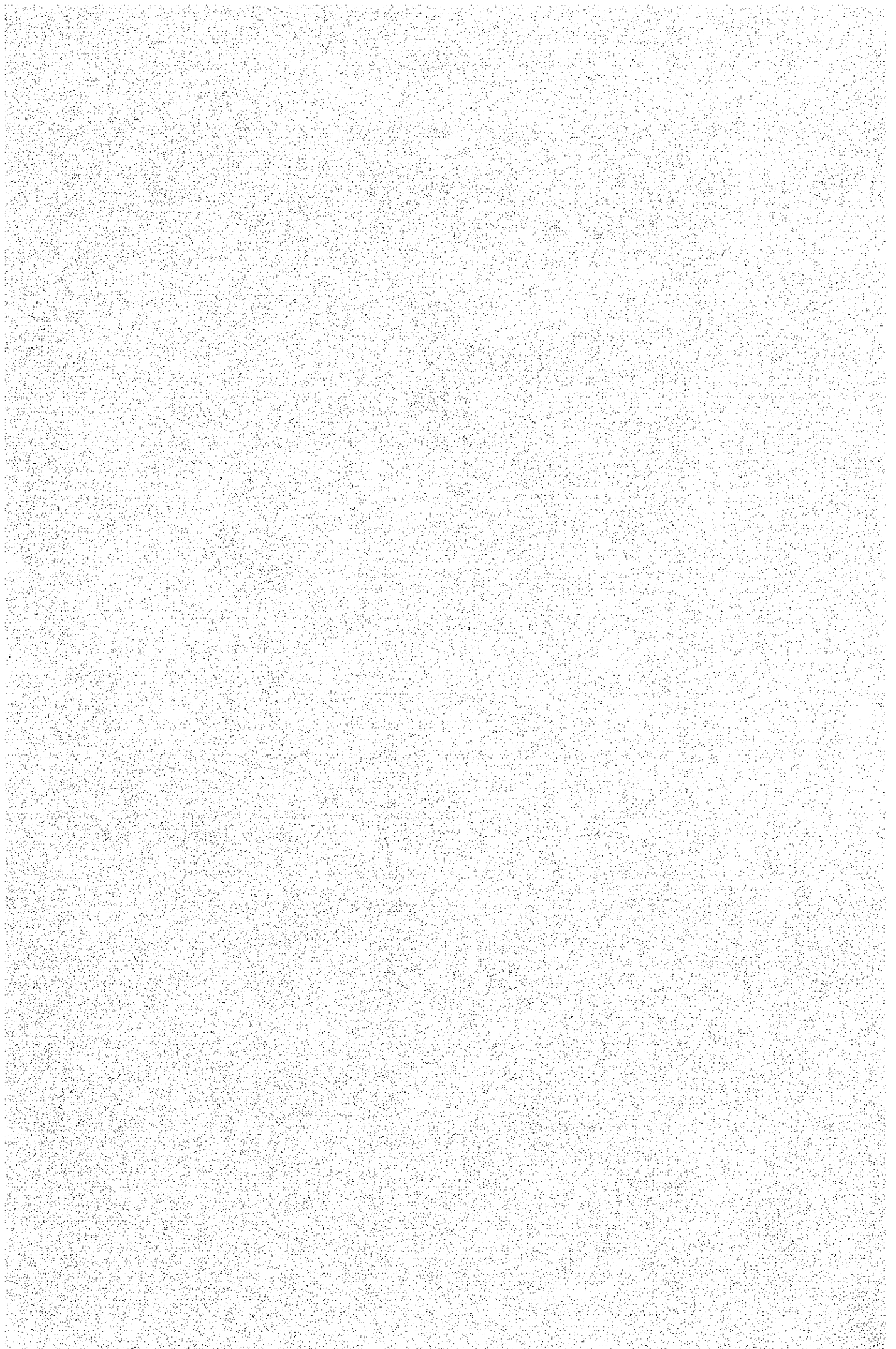
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Table 14-2-2 Refractory cost detail

	Annual quantity required ton	Unit price \$/ton	Sum in dollar 10 ³ \$	Unit consumption kg/ton	Cost per ton \$/ton
BF through refractory	3,650	790.29	2,884		
BF mud	1,830	1,579.50	2,891		
Torpedo-car refractory	2,010	642.99	1,293		
Blast furnace	7,490	944.00	7,068	5.223	4.929
Converter brick	9,400	937.63	8,817		
Converter ladle brick	11,000	295.75	3,256		
Castable refractory	785	339.27	267		
Basic oxygen furnace	21,185	582.00	12,340	13.502	7.865
CC tundish brick	5,400	760.99	4,110		
CC tundish nozzle	384	3,118.22	1,197		
Slab casting equipment	5,784	918.00	5,307	4.906	4.501
CC tundish brick	1,350	760.99	1,028		
CC tundish nozzle	96	3,118.22	299		
Bloom casting equipment	1,446	918.00	1,327	4.820	4.423

CHAPTER 15

FINANCIAL FORECAST DETAIL



第15章 財務予測詳細資料

本章に下記の通り、各種Simulation case の財務予測のEDPアウトプットを収録する。

15-1 Simulation case 1

Table 15-1-1 Profit & loss statement

Table 15-1-2 Cash flow table

Table 15-1-3 Discounted cash flow table

15-2 Simulation case 2

Table 15-2-1 Profit & loss statement

Table 15-2-2 Cash flow table

Table 15-2-3 Discounted cash flow table

15-3 Simulation case 3

Table 15-3-1 Profit & loss statement

Table 15-3-2 Cash flow table

Table 15-3-3 Discounted cash flow table

(B) PROJECTED PROFIT & LOSS
(C) USD PROJECT (FINAL-F/S)

PROJECT : THE PHILIPPINES INTEGRATED STEEL MILL PROJECT (FINAL-F/S)
CASE NO. :

CALENDAR YEAR PROJECT	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
	6	7	8	9	10	11	12	13	14	15
SALES	560130.	560130.	560130.	560130.	560130.	560130.	560130.	560130.	560130.	560130.
VARIABLE COST	255644.	255644.	255644.	255644.	255644.	255644.	255644.	255644.	255644.	255644.
FIXED COST	66415.	66415.	66415.	66415.	66415.	66415.	66415.	66415.	66415.	66415.
DEPRECIATION & AMORTIZ. (A1)	85055.	85055.	85055.	85055.	85055.	85055.	85055.	85055.	85055.	85055.
PROV. OF RESERVE FOR BF. ETC.	6490.	6490.	6490.	6490.	6490.	6490.	6490.	6490.	6490.	6490.
TAX ADJUST. COST	-11066.	-11066.	-11066.	-11066.	-11066.	-11066.	-11066.	-11066.	-11066.	-11066.
PRODUCTION COST FOR SALES	402539.	402539.	402539.	402539.	402539.	402539.	402539.	402539.	402539.	402539.
LONG TERM LOAN INTEREST INTER.	54356.	43485.	32613.	21742.	10871.	0.	0.	0.	0.	0.
DEPRECIATION COST	8733.	4711.	6213.	8745.	8445.	8445.	8445.	8445.	8445.	8445.
SALARIES TAXATION COST	9231.	5474.	8231.	13662.	19462.	25736.	29536.	33327.	41175.	49455.
GENERAL ADMINIST. EXPENSES	3940.	3940.	3940.	3940.	3940.	3940.	3940.	3940.	3940.	3940.
TOTAL COST	479468.	327486.	457282.	461067.	448297.	443518.	449357.	454497.	298339.	298339.
OPERATING INCOME	80662.	23244.	102848.	99063.	111833.	110812.	110793.	105633.	23674.	23674.
NON-OPERATING REVENUES	11806.	5747.	11806.	11806.	11806.	11806.	11806.	11806.	5747.	5747.
NON-OPERATING EXPENSES	11806.	5747.	11806.	11806.	11806.	11806.	11806.	11806.	5747.	5747.
ORDINARY INCOME	80662.	23244.	102848.	99063.	111833.	110812.	110793.	105633.	23674.	23674.
EXTRAORDINARY PROFITS	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
EXTRAORDINARY LOSSES	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
NET INCOME BEFORE TAXES	80662.	23244.	102848.	99063.	111833.	110812.	110793.	105633.	23674.	23674.
INCOME TAXES	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
(LOSS FORWARD)	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
TAXABLE INCOME	80662.	23244.	102848.	99063.	111833.	110812.	110793.	105633.	23674.	23674.
RESERVE FOR TAXES	32265.	5820.	48028.	9063.	11833.	11833.	110793.	105633.	23674.	23674.
NET INCOME AFTER TAXES	48397.	17424.	54820.	38435.	44733.	44733.	44317.	43355.	23674.	23674.
PROV. OF LEG. RETAINED EARNINGS	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
DISPOSABLE INCOME AFTER TAXES	48397.	17424.	54820.	38435.	44733.	44733.	44317.	43355.	23674.	23674.
APPROPRIATION OF RET. EARNINGS	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
DISPOSABLE INCOME AFTER TAXES	48397.	17424.	54820.	38435.	44733.	44733.	44317.	43355.	23674.	23674.
RET. EARN. BROUGHT FORWARD	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
UNAPPROPRIATED RET. EARNINGS	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
DIVIDENDS	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
RET. EARN. CARRIED FORWARD	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
(NOTES) (A1) INCLUDES	81847.	81847.	81847.	81847.	81847.	81847.	81847.	81847.	81847.	81847.
"DEPRECIATION & AMORTIZ. OF	2063.	2063.	2063.	2063.	2063.	2063.	2063.	2063.	2063.	2063.
"AMORTIZ. OF P.A. & TRAIN. EXP."	1146.	1146.	1146.	1146.	1146.	1146.	1146.	1146.	1146.	1146.

(D) PROJECTED CASH FLOW
(I-USD)

PAGE= 4-1
DATE= JUL/11/1979

PROJECT : THE PHILIPPINES INTEGRATED STEEL MILL PROJECT (FIRAL-F/S)
CASE NO :

CALENDAR YEAR PROJECT YEAR	1980 -5	1981 -4	1982 -3	1983 -2	1984 -1	1985 1	1986 2	1987 3	1988 4	1989 5
** APPLICATIONS **										
INVEST. PAY. FOR CONSTRUCTION	12600.	232000.	237000.	479400.	359452.	0.	0.	0.	0.	0.
IN-OR-DECR. OF OTHER INV.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
INTEREST PAY. DURING CONST.	117.	8885.	25839.	53203.	78309.	0.	0.	0.	0.	0.
TOT. ACQUISITION OF FIX. ASSETS	12717.	240884.	262839.	532603.	437781.	0.	0.	0.	0.	0.
LONG TERM DEPR. OF F.C. REPAY. (*1)	0.	0.	0.	0.	0.	188490.	120790.	120790.	120790.	120790.
REVERSAL OF RESERVE FOR BF	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL REPAY. OF FIXED LIABILI.	0.	0.	0.	0.	0.	188490.	120790.	120790.	120790.	120790.
IN-OR-DECREASE OF CASH	0.	0.	0.	0.	0.	3536.	886.	245.	0.	0.
IN-OR-DECR. OF DEBTORS	0.	0.	0.	0.	0.	35362.	8861.	245.	0.	0.
TAX PAYMENT	0.	0.	0.	0.	0.	17681.	4430.	1327.	27267.	28003.
IN-OR-DEC. OF OTHER LIAB. ASSET	0.	0.	0.	0.	0.	32795.	8757.	1327.	0.	0.
IN-OR-DEC. OF INVENTORIES	0.	0.	0.	0.	41101.	0.	0.	0.	0.	0.
IN-OR-DEC. OF LOAN REPAYMENT	0.	0.	0.	0.	0.	89375.	31724.	36501.	17175.	1635.
TOT. IN-OR-DEC. OF CURR. ASSETS	0.	0.	0.	0.	41101.	89375.	54658.	36501.	44360.	44360.
TOTAL APPLICATIONS	12717.	240884.	262839.	532603.	478861.	217865.	175448.	168992.	165151.	165151.
** RESOURCES **										
INCREASE OF CAPITAL STOCK	10000.	40000.	70000.	90000.	100000.	10000.	0.	0.	0.	0.
LONG TERM DEPR. OF F.C. BORROW. (*2)	2600.	192000.	167000.	369400.	293200.	57700.	0.	0.	0.	0.
BOND ISSUANCE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
BORROWING OF L-T LOAN INTER.	117.	8885.	25839.	53203.	85661.	0.	0.	0.	0.	0.
TOT. INC. OF CAP. & FIX. LIABIL.	12717.	240885.	262839.	532603.	478861.	67700.	0.	0.	0.	0.
DISPOSAL INCOME AFTER TAXES	0.	0.	0.	0.	0.	34629.	38224.	6900.	42014.	68576.
DEPRECIATION REMOVED	0.	0.	0.	0.	0.	86369.	86369.	86369.	86369.	86369.
FIXED ASSETS FOR RESERVE, ETC.	0.	0.	0.	0.	0.	6490.	6490.	6490.	6490.	6490.
TOT. IN-OR-DEC. OF RESERV. FUNDS	0.	0.	0.	0.	0.	58231.	131083.	133759.	134873.	14145.
IN-OR-DEC. OF CREDITORS	0.	0.	0.	0.	0.	43506.	9995.	2778.	0.	0.
IN-OR-DEC. OF OTHER CUR. LIAB.	0.	0.	0.	0.	0.	14145.	3544.	982.	0.	0.
RESERVE FOR TAXES	0.	0.	0.	0.	0.	31724.	19368.	21267.	28009.	32334.
SHORT TERM LOAN BORROWING	0.	0.	0.	0.	0.	86369.	54658.	44360.	16351.	17376.
TOT. IN-OR-DEC. OF CUR. LIABILI.	0.	0.	0.	0.	0.	31724.	54658.	44360.	44360.	44360.
TOTAL RESOURCES	12717.	240885.	262839.	532603.	478861.	215305.	185741.	189661.	179233.	185793.
(NOTES)										
(*1) INCL. "DEBT F. CONST. REPAY."	0.	0.	0.	0.	0.	67700.	0.	0.	0.	0.
(*2) INCL. "DEBT F. CON. BORROW."	0.	0.	0.	0.	67700.	0.	0.	0.	0.	0.

(D) PROJECTED CASH FLOW
(IN USD)
PROJECT : THE PHILIPPINES INTEGRATED STEEL MILL PROJECT (FINAL-F/S)
CASE NO :

CALENDAR YEAR PROJECT YEAR	1990 6	1991 7	1992 8	1993 9	1994 10	1995 11	1996 12	1997 13	1998 14	1999 15
INVESTMENT FOR CONSTRUCTION	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
DECREASE OF OTHER INV.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
INTEREST PAY DURING CONSTRUCTION	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL APPLICATIONS	120790.	120790.	120790.	120790.	120791.	44733.	44325.	44317.	46040.	23955.
LOAN & DEBT REPAY. (*1)	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
BOND RETIREMENT RESERVE FOR BF	0.	0.	0.	0.	0.	0.	0.	0.	46040.	0.
REVERSAL OF DEBT LIABLI.	120790.	31840.	120790.	120790.	120791.	0.	0.	0.	46040.	0.
TOTAL	120790.	152630.	120790.	120790.	120791.	44733.	44325.	44317.	92080.	23955.
INCREASE OF CASH	0.	23955.	23955.	16810.	39625.	44733.	44325.	44317.	46040.	23955.
PAYMENT OF OTHER LIAB. ASSET	32384.	32384.	11978.	0.	0.	-258.	21.	0.	0.	0.
INCREASE OF INVESTMENT	1090.	1090.	5449.	23402.	4672.	44473.	44579.	44579.	30251.	82453.
SHORT TERM LOAN REPAYMENT	11978.	11978.	5449.	23402.	4672.	44473.	44579.	44579.	30251.	82453.
TOTAL APPLICATIONS	165045.	122097.	202963.	165087.	165088.	44473.	44579.	44579.	15789.	82453.
INCREASE OF CAPITAL STOCK	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
LOAN & DEBT BORROW. (*2)	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
BOND ISSUANCE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
DISPOSAL OF ASSETS	83397.	85055.	85055.	52438.	85055.	66487.	66476.	63380.	23674.	63380.
DEPRECIATION & AMORTIZATION	85055.	85055.	85055.	85055.	85055.	81847.	81847.	81847.	81847.	81847.
FIXED ASSETS REMOVED	6490.	6490.	6490.	6490.	6490.	6490.	6490.	6490.	6490.	6490.
PROV. DE RESERVE FOR BF, ETC.	139942.	30235.	17584.	150983.	158645.	154824.	154813.	151716.	58173.	371853.
TOTAL	203384.	122097.	17584.	150983.	158645.	154824.	154813.	151716.	58173.	371853.
INCREASE OF CREDITORS	34.	27377.	27377.	0.	0.	-83.	0.	0.	27377.	27377.
INCREASE OF OTHER LIAB.	0.	9582.	9582.	0.	0.	0.	0.	0.	9582.	9582.
RESERVE FOR TAXES	32265.	32265.	16810.	39625.	44733.	44325.	44317.	42253.	6708.	42253.
SHORT TERM LOAN BORROWING	42255.	6426.	6426.	4672.	44733.	44473.	44579.	44579.	30251.	82453.
TOTAL	184197.	298.	25756.	195280.	203378.	199299.	199392.	196296.	279222.	453308.
TOTAL RESOURCES	184197.	298.	25756.	195280.	203378.	199299.	199392.	196296.	279222.	453308.
(NOTES)										
(*1) INCL. "DEBT F. CONST. REPAY."	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
(*2) INCL. "DEBT F. CONST. BORROW."	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

PROJECT : THE PHILIPPINES INTEGRATED STEEL MILL PROJECT (FINAL-F/S)
 CASE NO : (F) PROJECTED EFFICIENCY INDEX (I=USD)

PAGE= 7-1
 DATE= JUL/11/1979

ROE = 6.78 %

DISCOUNTED CASH FLOW TABLE

CALENDAR YEAR PROJECT	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
ANNUAL CUMULATIVE	-10000	-50000	-70000	-90000	-100000	-382530	-10293	-12969	-34682	-20645
DISCOUNT RATE	10000	0.93854	0.87710	0.82144	0.76931	0.72049	0.67476	0.63194	0.59184	0.55428
DISCOUNTED CUMULATIVE	-10000	-47481	-108658	-182788	-257718	-311998	-385051	-296850	-288521	-277076
CALENDAR YEAR PROJECT	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
ANNUAL CUMULATIVE	19152	-122395	56793	30192	38290	154834	154812	151716	12133	371833
DISCOUNT RATE	0.51910	0.48616	0.45530	0.42641	0.39935	0.37400	0.35027	0.32804	0.30722	0.28772
DISCOUNTED CUMULATIVE	-267137	-326640	-300782	-287908	-272617	-214712	-180486	-110717	-106989	-106989

PROJECT : THE PHILIPPINES INTEGRATED STEEL MILL PROJECT (FINAL-F/S)
 CASE NO : (F) PROJECTED EFFICIENCY INDEX (I=USD)

PAGE= 7-2
 DATE= JUL/11/1979

ROI = 6.86 %

DISCOUNTED CASH FLOW TABLE

CALENDAR YEAR PROJECT	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
ANNUAL CUMULATIVE	-12717	-240884	-262839	-532603	-478881	-1322622	-224093	245870	213168	212345
DISCOUNT RATE	100000	0.93577	0.87566	0.81941	0.76678	0.71752	0.67143	0.62831	0.58795	0.55018
DISCOUNTED CUMULATIVE	-12717	-236128	-468285	-904786	-1271885	-1176725	-1026322	-871840	-746509	-629681
CALENDAR YEAR PROJECT	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
ANNUAL CUMULATIVE	-19208	-48439	168734	198729	174997	154591	154802	142673	7237	375849
DISCOUNT RATE	0.51484	0.48177	0.45082	0.42187	0.39477	0.36941	0.34566	0.32348	0.30270	0.28325
DISCOUNTED CUMULATIVE	-528180	-505843	-420757	-336921	-267837	-210730	-157218	-108802	-106399	-106399

15-2 Simulation case 2

(B) PROJECTED PROFIT & LOSS

PROJECT : THE PHILIPPINES INTEGRATED STEEL MILL PROJECT (FINAL F/S)

PAGE 2-1
DATE: JUL/12/1979

PROJECT YEAR	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
SALES	0.	0.	0.	0.	0.	45566.	57209.	58813.	58813.	58813.
VARIABLE COST	0.	0.	0.	0.	0.	20318.	24323.	25564.	25564.	25564.
FIXED COST	0.	0.	0.	0.	0.	8338.	8143.	8143.	8143.	8143.
DEPRECIATION	0.	0.	0.	0.	0.	8338.	8143.	8143.	8143.	8143.
AMOR. (A)	0.	0.	0.	0.	0.	8338.	8143.	8143.	8143.	8143.
RESERVE FOR BF, ETC.	0.	0.	0.	0.	0.	8338.	8143.	8143.	8143.	8143.
TAX ADJUSTMENT	0.	0.	0.	0.	0.	32333.	35930.	37017.	38857.	39972.
PRODUCTION COST FOR SALES	0.	0.	0.	0.	0.	9877.	9072.	6094.	7056.	6484.
LONG TERM LOAN INTEREST	0.	0.	0.	0.	0.	2261.	2271.	724.	845.	845.
SHORT-TERM LOAN & DEPOSIT INTER.	0.	0.	0.	0.	0.	3940.	3940.	3940.	3940.	3940.
TRANSPORTATION COST	0.	0.	0.	0.	0.	4380.	46450.	46300.	46300.	45018.
SALES TAX	0.	0.	0.	0.	0.	10758.	92703.	122006.	125106.	132119.
GENERAL ADMINIST. EXPENSES	0.	0.	0.	0.	0.	1092.	11809.	11806.	11806.	11806.
TOTAL COST	0.	0.	0.	0.	0.	1092.	12703.	122006.	125106.	132119.
OPERATING INCOME	0.	0.	0.	0.	0.	10758.	92703.	122006.	125106.	132119.
NON-OPERATING REVENUES	0.	0.	0.	0.	0.	10758.	11809.	11806.	11806.	11806.
NON-OPERATING EXPENSES	0.	0.	0.	0.	0.	1092.	11809.	11806.	11806.	11806.
ORDINARY INCOME	0.	0.	0.	0.	0.	10758.	92703.	122006.	125106.	132119.
EXTRAORDINARY PROFITS	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
EXTRAORDINARY LOSSES	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
NET INCOME BEFORE TAXES	0.	0.	0.	0.	0.	10758.	92703.	122006.	125106.	132119.
(LOSS FORWARD)	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
(TAXABLE INCOME)	0.	0.	0.	0.	0.	10758.	92703.	122006.	125106.	132119.
RESERVE FOR TAXES	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
NET INCOME AFTER TAXES	0.	0.	0.	0.	0.	10758.	92703.	122006.	125106.	132119.
PROV. OF LEG. RETAINED EARNINGS	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
DISPOSABLE INCOME AFTER TAXES	0.	0.	0.	0.	0.	10758.	92703.	122006.	125106.	132119.
APPROPRIATION OF RET. EARN.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
DISPOSABLE INCOME AFTER TAXES	0.	0.	0.	0.	0.	10758.	92703.	122006.	125106.	132119.
RET. EARN. BROUGHT FORWARD	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
UNAPPROPRIATED RET. EARNINGS	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
DIVIDENDS	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
RET. EARN. CARRIED FORWARD	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
(NOTES) : (#) INCLUDES	0.	0.	0.	0.	0.	76643.	7643.	76643.	7643.	76643.
"DEPRECIATION"	0.	0.	0.	0.	0.	3672.	3672.	3672.	3672.	3672.
"AMORTIZ. OF TA & TRAIN. FEE"	0.	0.	0.	0.	0.	1123.	1123.	1123.	1123.	1123.
"AMORTIZ. OF INITIAL ORG. EXP."	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

(D) PROJECTED CASH FLOW
(T-USD)
PROJECT : THE PHILIPPINES INTEGRATED STEEL MILL PROJECT (FINAL-F/S)
CASE NO. :

CALENDAR YEAR PROJECT YEAR	1980 -5	1981 -4	1982 -3	1983 -2	1984 -1	1985 1	1986 2	1987 3	1988 4	1989 5
** APPLICATIONS **										
INVEST. PAY. FOR CONSTRUCTION	12600.	217000.	225000.	447000.	344424.	0.	0.	0.	0.	0.
INCREASE OF OTHER INV.	117.	8210.	0.	49078.	72156.	0.	0.	0.	0.	0.
INTEREST PAY. DURING CONST.	12717.	225209.	248888.	496078.	416580.	0.	0.	0.	0.	0.
TOT. ACQUISITION OF FIX. ASSETS						176008.	112008.	112008.	112008.	112008.
LOAN & DEBT REPAY. (RI)	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
REVERSAL OF FIXED LIABLI.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL RESOURCES	12717.	225209.	248888.	496078.	457190.	176008.	112008.	112008.	112008.	112008.
IN-OR-DECR. OF CASH	0.	0.	0.	0.	0.	3713.	930.	258.	0.	0.
IN-OR-DECR. OF DEBTORS	0.	0.	0.	0.	0.	3713.	930.	258.	0.	0.
TAX DEDUCT. OF OTHER LIAB. ASSET	0.	0.	0.	0.	0.	18565.	37652.	32146.	43472.	43787.
IN-OR-DECR. OF INVESTMENT	0.	0.	0.	0.	0.	3296.	4698.	4106.	823.	97.
SHORT-TERM LOAN PAYMENT	0.	0.	0.	0.	40610.	0.	0.	0.	0.	0.
TOT. IN-OR-DECR. OF CURR. ASSETS	0.	0.	0.	0.	40610.	92205.	38705.	48772.	47744.	44744.
TOTAL APPLICATIONS	12717.	225209.	248888.	496078.	457190.	268213.	167714.	160780.	156752.	156752.
** RESOURCES **										
INCREASE OF CAPITAL STOCK	10000.	49000.	70000.	99000.	100000.	10000.	0.	0.	0.	0.
LOAN & DEBT BORROW. (*2)	2600.	177800.	155000.	357700.	278000.	5400.	0.	0.	0.	0.
BORROWING ON T. LOAN INTER.	117.	8210.	23888.	48078.	79190.	0.	0.	0.	0.	0.
TOT. INCR. OF CAP. & FIX. LIABLI.	12717.	225210.	248888.	496078.	457190.	64000.	0.	0.	0.	0.
DISPOSAL OF INCOME AFTER TAXES	0.	0.	0.	0.	0.	8034.	60237.	8034.	8130.	8782.
DEPRECIATION & AMORTIZATION	0.	0.	0.	0.	0.	0.	8143.	8143.	8143.	8143.
FIXED ASSETS REMOVED FOR EFF. ETC.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
PROV. OF RESERVE FOR EFF. ETC.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
TOT. IN-OR-DECR. OF RESERV. FUNDS	0.	0.	0.	0.	0.	9421.	148186.	16862.	169248.	179821.
IN-OR-DECR. OF CREDITORS LIAB.	0.	0.	0.	0.	0.	4530.	10492.	2915.	0.	0.
RESERVE FOR TAXES	0.	0.	0.	0.	0.	148186.	32446.	43787.	43787.	47327.
SHORT-TERM LOAN BORROWING	0.	0.	0.	0.	0.	28057.	9046.	1353.	957.	0.
TOT. IN-OR-DECR. OF CURR. LIABLI.	0.	0.	0.	0.	0.	28057.	55705.	4872.	44744.	47327.
TOTAL RESOURCES	12717.	225210.	248888.	496078.	457190.	251126.	203691.	21734.	21392.	223147.
(NOTES)										
(*1) INCL. "DEBT F. CON. BORROW."	0.	0.	0.	0.	64000.	64000.	0.	0.	0.	0.
(*2) INCL. "DEBT F. CON. BORROW."	0.	0.	0.	0.	64000.	64000.	0.	0.	0.	0.

(F) PROJECTED EFFICIENCY INDEX
 PROJECT : THE PHILIPPINES INTEGRATED STEEL MILL PROJECT (FINAL-F/S)

PAGE= 7-1
 DATE= JUL/12/1979

ROE = 13.17 %

DISCOUNTED CASH FLOW TABLE

CALENDAR YEAR PROJECT	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
ANNUAL CUMULATIVE	-10000.	-40000.	-70000.	-90000.	-100000.	-37087.	-36177.	-26856.	-27239.	-66392.
DISCOUNT RATE	10.000	0.8833	0.78080	0.6894	0.60965	0.53871	0.47602	0.42362	0.37198	0.32842
DISCOUNTED CUMULATIVE	-10000.	-45545.	-100001.	-162095.	-233060.	-237652.	-230432.	-196605.	-173327.	-153522.
CALENDAR YEAR PROJECT	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
ANNUAL CUMULATIVE	59053.	-89892.	80880.	70103.	77947.	255441.	433329.	173687.	26666.	386456.
DISCOUNT RATE	0.292020	0.25643	0.22659	0.20022	0.17682	0.15833	0.13814	0.12207	0.10786	0.09571
DISCOUNTED CUMULATIVE	-136384.	-159355.	-141109.	-127072.	-113282.	-85458.	-60885.	-39708.	0.10786	-56932.

(F) PROJECTED EFFICIENCY INDEX
 PROJECT : THE PHILIPPINES INTEGRATED STEEL MILL PROJECT (FINAL-F/S)

PAGE= 7-2
 DATE= JUL/12/1979

ROI = 9.45 %

DISCOUNTED CASH FLOW TABLE

CALENDAR YEAR PROJECT	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
ANNUAL CUMULATIVE	-12717.	-237826.	-288888.	-486078.	-657190.	-1275040.	-260383.	-357325.	-240317.	-239921.
DISCOUNT RATE	10.000	0.83366	0.73481	0.63275	0.53691	0.44675	0.36179	0.28157	0.20568	0.13376
DISCOUNTED CUMULATIVE	-12717.	-218486.	-262261.	-304645.	-352285.	-401814.	-368886.	-298687.	-182969.	-506502.
CALENDAR YEAR PROJECT	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
ANNUAL CUMULATIVE	219603.	55147.	227983.	207864.	200037.	176340.	177939.	115635.	15670.	397709.
DISCOUNT RATE	0.40546	0.37046	0.33848	0.30926	0.28257	0.25818	0.23589	0.21553	0.19692	0.17923
DISCOUNTED CUMULATIVE	-417462.	-397933.	-318865.	-255575.	-196051.	-153525.	-113330.	-74640.	0.19692	-71354.

15-3 Simulation case 3

(B) PROJECTED PROFIT & LOSS
 (T-USD)
 PROJECT : THE PHILIPPINES INTEGRATED STEEL MILL PROJECT (FINAL-F/S)
 CASE NO. :

PAGE: 2-1
 DATE: JUL/12/1979

SALENDAR YEAR PROJECT YEAR	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
SALES	0.00	0.00	0.00	0.00	0.00	401132.00	504141.00	532124.00	532124.00	532124.00
VARIABLE COST	0.00	0.00	0.00	0.00	0.00	201991.00	243393.00	255644.00	255644.00	255644.00
FIXED COST	0.00	0.00	0.00	0.00	0.00	61439.00	811430.00	811430.00	811430.00	811430.00
DEPRECIATION & AMORT. (#1)	0.00	0.00	0.00	0.00	0.00	14390.00	14390.00	14390.00	14390.00	14390.00
PRODUCTION COST	0.00	0.00	0.00	0.00	0.00	38222.00	372770.00	372770.00	372770.00	372770.00
TAX ADJUST. COST FOR SALES	0.00	0.00	0.00	0.00	0.00	33335.00	359308.00	370176.00	379972.00	379972.00
LONG TERM LOAN INTEREST INTER.	0.00	0.00	0.00	0.00	0.00	9837.00	90737.00	80446.00	70563.00	60484.00
TRANSPORTATION COST	0.00	0.00	0.00	0.00	0.00	8138.00	22327.00	2079.00	1600.00	1600.00
GENERAL TAX	0.00	0.00	0.00	0.00	0.00	0.00	821.00	844.00	844.00	844.00
GENERAL ADMINIST. EXPENSES	0.00	0.00	0.00	0.00	0.00	3940.00	3940.00	3940.00	3940.00	3940.00
TOTAL COST	0.00	0.00	0.00	0.00	0.00	434809.00	467784.00	46283.00	464635.00	45502.00
OPERATING INCOME	0.00	0.00	0.00	0.00	0.00	31677.00	39357.00	65840.00	67489.00	77622.00
NON-OPERATING REVENUES	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NON-OPERATING EXPENSES	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ORDINARY INCOME	0.00	0.00	0.00	0.00	0.00	31677.00	39357.00	65840.00	67489.00	77622.00
EXTRAORDINARY PROFITS	0.00	0.00	0.00	0.00	0.00	10662.00	11806.00	11806.00	11806.00	11806.00
EXTRAORDINARY LOSSES	0.00	0.00	0.00	0.00	0.00	31677.00	31677.00	31677.00	31677.00	31677.00
NET INCOME BEFORE TAXES	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NET INCOME	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
(LOSS FORWARD)	0.00	0.00	0.00	0.00	0.00	31677.00	39357.00	65840.00	67489.00	77622.00
(TAXABLE INCOME)	0.00	0.00	0.00	0.00	0.00	31677.00	39357.00	65840.00	67489.00	77622.00
RESERVE FOR TAXES	0.00	0.00	0.00	0.00	0.00	31677.00	39357.00	65840.00	67489.00	77622.00
NET INCOME AFTER TAXES	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PROV. OF LEG. RETAINED EARNINGS	0.00	0.00	0.00	0.00	0.00	31677.00	39357.00	65840.00	67489.00	77622.00
DISPOSABLE INCOME AFTER TAXES	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
APPROPRIATION OF RET. EARN.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DISPOSABLE INCOME AFTER TAXES	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RET. EARN. BROUGHT FORWARD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UNAPPROPRIATED EARNINGS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DIVIDENDS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RET. EARN. BROUGHT FORWARD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
(NOTES) (#1) INCLUDES	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
"DEPRECIATION"	0.00	0.00	0.00	0.00	0.00	76643.00	76643.00	76643.00	76643.00	76643.00
"AMORT. OF T.V.A. & TRAIN. EEE"	0.00	0.00	0.00	0.00	0.00	3673.00	3673.00	3673.00	3673.00	3673.00
"AMORT. OF INITIAL ORG. EXP."	0.00	0.00	0.00	0.00	0.00	1123.00	1123.00	1123.00	1123.00	1123.00

(B) PROJECTED PROFIT & LOSS
PROJECT : THE PHILIPPINES INTEGRATED STEEL MILL PROJECT (FINAL-F/S)
CASE NO :

CALENDAR YEAR PROJECT	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
SALES	532124.	532124.	532124.	532124.	532124.	532124.	532124.	532124.	532124.	532124.
VARIABLE COST	255644.	255644.	255644.	255644.	255644.	255644.	255644.	255644.	255644.	255644.
PRODUCTION XED COST (*1)	602258.	602258.	602258.	602258.	602258.	602258.	602258.	602258.	602258.	602258.
PRODUCTION RESERVE FOR ETC.	802258.	802258.	802258.	802258.	802258.	802258.	802258.	802258.	802258.	802258.
PRODUCTION COST FOR SALES	217777.	217777.	217777.	217777.	217777.	217777.	217777.	217777.	217777.	217777.
LONG TERM LOAN INTEREST INTER.	385911.	385911.	385911.	385911.	385911.	385911.	385911.	385911.	385911.	385911.
SHORT TERM LOAN & DEBT INTER.	50474.	40323.	30232.	20162.	10081.	0.	0.	0.	0.	0.
TRANSPORTATION COST	1378.	1494.	873.	3505.	1095.	865.	0.	0.	0.	0.
SALES TAX	8709.	4260.	873.	1732.	1732.	2005.	845.	845.	1516.	1516.
GENERAL ADMINIST. EXPENSES	390.	390.	390.	445.	432.	432.	432.	432.	432.	432.
TOTAL COST	458876.	313496.	437871.	445745.	434287.	432267.	432267.	432267.	432267.	432267.
OPERATING INCOME	73248.	21866.	94222.	86378.	97877.	93856.	93768.	87368.	29160.	87766.
NON-OPERATING REVENUES	11806.	5747.	11806.	11806.	11806.	11806.	11806.	11806.	5747.	5747.
NON-OPERATING EXPENSES	73248.	54463.	94222.	86378.	97877.	93856.	93768.	87368.	29160.	87766.
ORDINARY INCOME	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
EXTRORDINARY PROFITS	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
EXTRORDINARY LOSSES	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
NET INCOME BEFORE TAXES	73248.	54463.	94222.	86378.	97877.	93856.	93768.	87368.	29160.	87766.
(LOSS FORWARD)	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
NET INCOME AFTER TAXES	73248.	54463.	94222.	86378.	97877.	93856.	93768.	87368.	29160.	87766.
RESERVE FOR TAXES	25677.	54463.	13933.	50232.	63534.	61007.	60999.	56789.	29160.	57048.
PROPOSED LEG. RETAINED EARNINGS	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
DISPOSABLE INCOME AFTER TAXES	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
APPROPRIATION OF RET. EARN.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
DISPOSABLE INCOME AFTER TAXES	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
UNAPPROPRIATED RET. EARNINGS	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
DIVIDENDS	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
DIRECTOR'S BONUSES ETC.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
RET. EARN. CARRIED FORWARD	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
(NOTES) (MAIN) INCLUDES	75462.	75462.	75462.	75462.	75462.	75462.	75462.	75462.	75462.	75462.
"DEPRECIATION & TRAIN. EXP."	3673.	3673.	3673.	3673.	3673.	3673.	3673.	3673.	3673.	3673.
"ADVERTIZ. OF INITIAL ORG. EXP."	1123.	1123.	1123.	1123.	1123.	1123.	1123.	1123.	1123.	1123.

(D) PROJECTED CASH FLOW
(T) USD
PROJECT : THE PHILIPPINES INTEGRATED STEEL MILL PROJECT (FINAL-F/S)

CALENDAR YEAR	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
PROJECT YEAR	-5	-4	-3	-2	-1	1	2	3	4	5
** APPLICATIONS **										
INVEST PAY. FOR CONSTRUCTION	12600.	217000.	225000.	447000.	344424.	0.	0.	0.	0.	0.
IN-CR-DECREASE OF OTHER INV.	117.	28210.	23888.	49078.	72156.	0.	0.	0.	0.	0.
INTEREST PAY. DURING CONST.	12717.	225210.	248888.	496078.	416580.	0.	0.	0.	0.	0.
TOT. ACQUISITION OF FIX. ASSETS						176008.	112008.	112008.	112008.	112008.
LONG TERM DEBT REPAY. (*1)	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
REVERSAL OF DEFERRED TAXES	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL REPAY. OF FIXED LIABIL.	0.	0.	0.	0.	0.	176008.	112008.	112008.	112008.	112008.
IN-OR-DECREASE OF CASH	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
IN-OR-INCREASE OF DEBTORS	0.	0.	0.	0.	0.	3359.	847.	2332.	2304.	23621.
TAX PAYMENT OF OTHER LIQ. ASSET	0.	0.	0.	0.	0.	16797.	4208.	29688.	82.	20752.
IN-OR-DECR. OF INVENTORY	0.	0.	0.	0.	40610.	32796.	31749.	4199.	21411.	44373.
SHORT TERM LOAN REPAYMENT	0.	0.	0.	0.	40610.	86547.	34007.	28428.	44373.	44373.
TOT. IN-OR-DECR. OF CURR. ASSETS	0.	0.	0.	0.	40610.	86547.	34007.	28428.	44373.	44373.
TOTAL APPLICATIONS	12717.	225210.	248888.	496078.	457190.	262555.	166015.	160036.	156382.	156382.
** RESOURCES **										
INCREASE OF CAPITAL STOCK	10000.	40000.	170000.	390000.	190000.	10000.	0.	0.	0.	0.
LONG TERM DEBT BORROW. (*2)	2800.	177000.	155900.	357000.	278000.	54000.	0.	0.	0.	0.
SHORT TERM DEBT BORROW. (*2)	117.	8210.	248888.	49078.	79190.	0.	0.	0.	0.	0.
TOT. INC. OF CAP. & FIX. LIABIL.	12717.	225210.	248888.	496078.	457190.	64000.	0.	0.	0.	0.
DISPOSAL INCOME AFTER TAXES	0.	0.	0.	0.	0.	31677.	3668.	4279.	43288.	50454.
DEPRECIATION & AMOVED	0.	0.	0.	0.	0.	81439.	8439.	81439.	81439.	81439.
FIXED ASSETS REMOVED	0.	0.	0.	0.	0.	6490.	6490.	6490.	6490.	6490.
PROV. OF RESERVE FOR BF. ETC.	0.	0.	0.	0.	0.	56251.	12397.	130725.	131796.	138383.
TOT. IN-OR-DECR. OF RESERV. FUNDS	0.	0.	0.	0.	0.	6490.	6490.	6490.	6490.	6490.
IN-OR-DECR. OF CREDITORS	0.	0.	0.	0.	0.	41338.	9499.	2640.	0.	0.
IN-OR-DECR. OF OTHER CURR. LIAB.	0.	0.	0.	0.	0.	13338.	3367.	2640.	0.	0.
RESERVE FOR TAXES	0.	0.	0.	0.	0.	31741.	2688.	230441.	23621.	27168.
SHORT TERM LOAN BORROWING	0.	0.	0.	0.	0.	86547.	38453.	21441.	20752.	17308.
TOT. IN-OR-DECR. OF CURR. LIABIL.	0.	0.	0.	0.	0.	86547.	54007.	46016.	44373.	44373.
TOTAL RESOURCES	12717.	225210.	248888.	496078.	457190.	206798.	178604.	178753.	176169.	182756.
(NOTES)										
(*1) INCL. "DEBT F. CONST. REPAY."	0.	0.	0.	0.	64000.	0.	0.	0.	0.	0.
(*2) INCL. "DEBT F. CON. BORROW."	0.	0.	0.	0.	64000.	0.	0.	0.	0.	0.

(D) PROJECTED CASH FLOW
(1-USE)
PROJECT : THE PHILIPPINES INTEGRATED STEEL MILL PROJECT (FINAL-F/S)

CASE NO :

CALENDAR YEAR PROJECT YEAR	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
	0	1	2	3	10	11	12	13	14	15
** APPLICATIONS **										
INVEST. PAY. FOR CONSTRUCTION	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
INCREASE OF OTHER INV.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
INTEREST PAY. DURING CONSLT.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
TOT. ACQUISITION OF FIX. ASSETS	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
LOAN & D.F. C.REPAY. (*1)	112008.	112008.	112008.	112008.	112009.	112009.	112009.	0.	0.	0.
LOAN REVERSE FOR BF	0.	31840.	0.	0.	0.	0.	0.	0.	46000.	0.
TOTAL REPAY. OF FIXED LIABILI.	112008.	143848.	112008.	112008.	112009.	112009.	112009.	0.	46000.	0.
INCR-DECREASE OF CASH	0.	22758.	22758.	13930.	30232.	34243.	32650.	0.	22758.	22758.
TAX DEDUCTIBLE	27168.	27168.	27168.	13930.	30232.	34243.	32650.	0.	22758.	22758.
INCR-DECREASE OF OTHER ASSET	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
INCR-DECC. OF OTHER INTORIS	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
INCR-DECC. OF REPAYMENT ASSETS	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
TOT. IN-OR-DEC. OF CURR. ASSETS	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL APPLICATIONS	156287.	115251.	192319.	156325.	156325.	43931.	44087.	44087.	17233.	80141.
** RESOURCES **										
INCREASE OF CAPITAL STOCK	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
LOAN & C.BORROW (*2)	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
ISSUANCE OF L.T. LOAN INTER.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
BORROWING OF CAP. & FIX. LIABIL.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
TOT. INC. OF CAP. & FIX. LIABIL.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
DISPOSAL INCOME AFTER TAXES	47611.	34463.	80232.	56148.	63254.	61007.	69939.	59789.	7510.	57048.
DEPRECIATION & AMORTIZATION	80232.	80258.	80232.	80258.	80232.	75462.	75462.	75462.	75462.	575462.
PROV. OF RESERVE FOR BF, ETC.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
TOT. IN-OR-DEC. OF RESERV. FUNDS	134339.	25794.	167000.	142894.	150320.	142959.	142900.	138742.	46303.	302079.
INCR-DECC. OF CREDITORS	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
INCR-DECC. OF OTHER CUR. LIAB.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
RESERVE FOR TAXES	25837.	26035.	26035.	30232.	34243.	32850.	32818.	30579.	26035.	20035.
RESERVE FOR BORROWING	42238.	6541.	13030.	14084.	10044.	11205.	11205.	44087.	6831.	30718.
TOT. IN-OR-DEC. OF CUR. LIABIL.	178675.	28597.	30311.	44317.	44317.	43931.	44687.	44087.	6831.	80714.
TOTAL RESOURCES	178675.	28003.	247451.	187210.	194658.	186890.	186897.	183829.	17476.	432820.
(NOTES)										
{*1} INCL. "DEBT F. CONST. BORROW."	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
{*2} INCL. "DEBT F. CON. BORROW."	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

PROJECT : THE PHILIPPINES INTEGRATED STEEL MILL PROJECT (FINAL-F/S)
 CASE NO : (F) PROJECTED T-USD EFFICIENCY INDEX

PAGE= 7-1
 DATE= JUL/12/1979

ROI = 6.72 %

DISCOUNTED CASH FLOW TABLE

CALENDAR YEAR PROJECT YEAR	1980 -5	1981 -4	1982 -3	1983 -2	1984 -1	1985 1	1986 2	1987 3	1988 4	1989 5
ANNUAL CUMULATIVE	-10000.	-40000.	-70000.	-90000.	-100000.	-95757.	-363167.	-12389.	-324663.	-26374.
DISCOUNT RATE	1.00000	0.93704	0.87504	0.82235	0.77095	0.72241	0.67693	0.63430	0.59437	0.55694
DISCOUNTED CUMULATIVE	-10000.	-47461.	-108944.	-182992.	-260087.	-307590.	-299068.	-287196.	-275435.	-260746.
CALENDAR YEAR PROJECT YEAR	1990 6	1991 7	1992 8	1993 9	1994 10	1995 11	1996 12	1997 13	1998 14	1999 15
ANNUAL CUMULATIVE	-22350.	-118054.	55072.	30885.	38332.	142959.	142900.	138741.	151559.	352678.
DISCOUNT RATE	0.52168	0.48902	0.45823	0.42938	0.40234	0.37701	0.35327	0.33103	0.31019	0.29066
DISCOUNTED CUMULATIVE	-249082.	-306813.	-281577.	-268516.	-252893.	-198946.	-108514.	-102587.	-102505.	0.29066

PROJECT : THE PHILIPPINES INTEGRATED STEEL MILL PROJECT (FINAL-F/S)
 CASE NO : (F) PROJECTED T-USD EFFICIENCY INDEX

PAGE= 7-2
 DATE= JUL/12/1979

ROI = 6.81 %

DISCOUNTED CASH FLOW TABLE

CALENDAR YEAR PROJECT YEAR	1980 -5	1981 -4	1982 -3	1983 -2	1984 -1	1985 1	1986 2	1987 3	1988 4	1989 5
ANNUAL CUMULATIVE	-12717.	-257209.	-248888.	-496878.	-657190.	-122888.	-211151.	-231489.	-204732.	204074.
DISCOUNT RATE	1.00000	0.93622	0.87652	0.82061	0.76828	0.71928	0.67341	0.63046	0.59025	0.55261
DISCOUNTED CUMULATIVE	-12717.	-223363.	-441718.	-848806.	-1200055.	-1111664.	-869473.	-823528.	-702685.	-589912.
CALENDAR YEAR PROJECT YEAR	1990 6	1991 7	1992 8	1993 9	1994 10	1995 11	1996 12	1997 13	1998 14	1999 15
ANNUAL CUMULATIVE	184672.	47903.	173084.	192778.	165559.	146633.	143733.	137404.	8540.	345209.
DISCOUNT RATE	0.51736	0.48437	0.45349	0.42456	0.39748	0.37213	0.34840	0.32618	0.30537	0.28590
DISCOUNTED CUMULATIVE	-494369.	-471167.	-392677.	-315078.	-249271.	-196193.	-146117.	-101299.	-98691.	0.28590

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