

(3) With expansion case:

a) The production plan for the with expansion case was estimated as shown in Table 9-11.

Table 9-11 Production plan (with expansion)

(Unit: 1,000 tons)

	1987	1988	1989	1990	1991	1992	1993 onwards
DRI	845	716	716	716	716	1,119	1,327
Burnt Lime	37	33	34	34	34	44	50
Billet	892	798	821	821	821	1,082	1,231
Bar	446	418	425	425	425	427	427
Rod	178	293	319	320	320	571	693

(4) Surplus DRI

Regarding outside sale of DRI, its possibility as well as price is not yet clear and DRI production is adjusted to leave no surplus.

9-1-3. Manufacturing costs

In this feasibility study a variety of cases with different premises are taken up for consideration. Therefore before discussing the production cost, those cases studied are summarized in a table to indicate the difference in the premises among the cases.

Table 9-12 Cases for financial analysis

Cases	Without Escalation Case										With Escalation case		
	Case I-1	I-2	I-3	II-1	II-2	II-3	III-1	III-2	III-3	Case IV	V	VI	
Purchased price of natural gas	0.08707 \$/Nm <sup>3</sup>	0.08707 \$/Nm <sup>3</sup>	0.08707 \$/Nm <sup>3</sup>	0.05775 \$/Nm <sup>3</sup>	0.05775 \$/Nm <sup>3</sup>	0.05775 \$/Nm <sup>3</sup>	0.03786 \$/Nm <sup>3</sup>	0.03786 \$/Nm <sup>3</sup>	0.03786 \$/Nm <sup>3</sup>	0.08707 \$/Nm <sup>3</sup>	0.08707 \$/Nm <sup>3</sup>	0.08707 \$/Nm <sup>3</sup>	
Sales price of bar and rod	250 \$/T	260 \$/T	270 \$/T	250 \$/T	260 \$/T	270 \$/T	250 \$/T	260 \$/T	270 \$/T	250 \$/T	250 \$/T	250 \$/T	
Sales price of billet	200 \$/Ton	205 \$/Ton	210 \$/Ton	200 \$/Ton	205 \$/Ton	210 \$/Ton	200 \$/Ton	205 \$/Ton	210 \$/Ton	200 \$/Ton	200 \$/Ton	200 \$/Ton	
Escalation rate for sales price	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1.5%	3%	

Production cost after the expansion was calculated on the basis of the above mentioned conditions, but the basic items are as given in Table 9-13 (Case I), Table 9-14 (Case II), Table 9-15 (Case III) and Table 9-16 (Case IV).

Namely production cost per ton in 1993 when the plants are in full operation will be bar US\$210.7 and rod US\$209.2 in Case I, bar US\$200.7 and rod US\$199.3 in Case II and bar US\$193.9 and rod US\$192.5 in Case III. The difference in production cost per ton between Case I where purchasing price of natural gas is the highest and Case III where it is the lowest is US\$16.8 for bar and US\$16.7 for rod.

For information, output data is attached as Table 9-18 (Case I), Table 9-19 (Case II), Table 9-20 (Case III) and Table 9-21 (Case IV).

Table 9-13 Manufacturing costs by process (Case I)

(US\$/Ton)

		1992	1993	1994	1995	1996
D R P	Fixed cost	17.7	16.2	16.2	16.2	16.2
	Variable cost	75.5	75.3	75.3	75.3	74.9
	Total	93.2	91.5	91.5	91.5	91.1
L C P	Fixed cost	52.5	46.1	46.1	46.1	44.9
	Variable cost	33.0	32.5	32.5	32.5	32.2
	Total	85.5	78.6	78.6	78.6	77.1
S M P	Fixed cost	45.2	42.3	42.3	42.3	42.1
	Variable cost	140.3	140.4	140.4	140.4	138.8
	Total	185.5	182.7	182.7	182.7	180.9
B M P	Fixed cost	63.3	60.8	60.8	60.8	60.4
	Variable cost	150.0	149.9	149.9	149.9	148.0
	Total	213.3	210.7	210.7	210.7	208.4
R M P	Fixed cost	64.2	59.0	59.0	59.0	58.7
	Variable cost	150.5	150.2	150.2	150.2	148.2
	Total	214.7	209.2	209.2	209.2	206.9

Note: The production costs as herein used do not include selling, general and administrative expenses, or such non-operating expenses as interest paid and exchange rate loss.

Table 9-14 Manufacturing costs by process (Case II)

(US\$/Ton)

		1992	1993	1994	1995	1996
D R P	Fixed cost	17.7	16.2	16.2	16.2	16.2
	Variable cost	67.6	67.4	67.4	67.4	67.0
	Total	85.3	83.6	83.6	83.6	83.2
L C P	Fixed cost	52.4	46.1	46.1	46.1	44.9
	Variable cost	30.5	30.0	30.0	30.0	29.7
	Total	82.9	76.1	76.1	76.1	74.6
S M P	Fixed cost	45.2	42.2	42.2	42.2	42.1
	Variable cost	131.9	131.7	131.7	131.7	130.0
	Total	177.1	173.9	173.9	173.9	172.1
B M P	Fixed cost	63.4	60.8	60.8	60.8	60.4
	Variable cost	140.3	139.9	139.9	139.9	138.0
	Total	203.7	200.7	200.7	200.7	198.4
R M P	Fixed cost	64.2	59.0	59.0	59.0	58.8
	Variable cost	140.9	140.3	140.3	140.3	138.2
	Total	205.1	199.3	199.3	199.3	197.0

Note: The production costs as herein used do not include selling, general and administrative expenses, or such non-operating expenses as interest paid and exchange rate loss.

Table 9-15 Manufacturing costs by process (Case III)  
(US\$/Ton)

		1992	1993	1994	1995	1996
D R P	Fixed cost	17.7	16.2	16.2	16.2	16.2
	Variable cost	62.2	62.0	62.0	62.0	61.6
	Total	79.9	78.2	78.2	78.2	77.8
L C P	Fixed cost	52.4	46.1	46.1	46.1	44.9
	Variable cost	28.8	28.3	28.3	28.3	28.0
	Total	81.2	74.4	74.4	74.4	72.9
S M P	Fixed cost	45.2	42.3	42.3	42.3	42.1
	Variable cost	126.2	125.7	125.7	125.7	124.1
	Total	171.4	168.0	168.0	168.0	166.2
B M P	Fixed cost	63.3	60.7	60.7	60.7	60.4
	Variable cost	133.8	133.2	133.2	133.2	131.2
	Total	197.1	193.9	193.9	193.9	191.6
R M P	Fixed cost	64.2	59.0	59.0	59.0	58.7
	Variable cost	134.4	133.5	133.5	133.5	131.5
	Total	198.6	192.5	192.5	192.5	190.2

Note: The production costs as herein used do not include selling, general and administrative expenses, or such non-operating expenses as interest paid and exchange rate loss.

Table 9-16 Manufacturing costs by process (Case IV)

(US\$/Ton)

		1992	1993	1994	1995	1996
D R P	Fixed cost	18.5	17.1	17.1	17.1	17.0
	Variable cost	82.3	82.1	82.1	82.1	81.7
	Total	100.8	99.2	99.2	99.2	98.7
L C P	Fixed cost	53.1	46.8	46.8	46.8	45.6
	Variable cost	33.1	32.5	32.5	32.5	32.2
	Total	86.2	79.3	79.3	79.3	77.8
S M P	Fixed cost	47.0	44.2	44.2	44.2	44.0
	Variable cost	152.7	153.0	153.0	153.0	151.4
	Total	199.7	197.2	197.2	197.2	195.4
B M P	Fixed cost	65.4	63.0	63.0	63.0	62.6
	Variable cost	162.9	163.1	163.1	163.0	161.1
	Total	228.3	226.1	226.1	226.0	223.7
R M P	Fixed cost	66.9	61.6	61.6	61.6	61.4
	Variable cost	163.3	163.3	163.3	163.3	161.2
	Total	230.2	224.9	224.9	224.9	222.6

Note: The production costs as herein used do not include selling, general and administrative expenses, or such non-operating expenses as interest paid and exchange rate loss.

9-1-4. Sensitivity analysis

Changes in the manufacturing costs (fixed and variable costs) were examined for the following items for Case I-1. The result is shown in Table 9-17.

- a) using the following preferential rates for the purchase price of electric power, this rate being one estimated to be applicable to some public sector enterprises.

	Current rate	Preferential rate
Electric power	0.016 US\$/kWH	0.0075 US\$/kWH

- b) Increasing the production after startup of the expansion facilities by 5% as follows:

(Unit: 1,000 tons)

	1992	1993 onwards
Bar	448	448
Rod	600	728
Billet	1,136	1,293

- c) Decreasing the production after startup of the expansion facilities by 5% as follows:

(Unit: 1,000 tons)

	1992	1993 onwards
Bar	406	406
Rod	543	658
Billet	1,028	1,170



- d) Increasing the domestic scrap price by 10% to US\$63.641/tons.
- e) Increasing the domestic scrap price by 20% to US\$69.426/tons.
- f) Increasing the labor cost by 20% as compared with that in the Case I-1.

Table 9-17 Sensitivity analysis (for Case I-1)

(Unit: US\$)

		1992	1993
a	Bar	-8.2	-8.3
	Rod	-8.6	-8.6
	Billet	-7.2	-7.3
b	Bar	-3.4	-3.3
	Rod	-3.5	-3.2
	Billet	-2.5	-2.4
c	Bar	3.7	3.6
	Rod	3.8	3.6
	Billet	2.8	2.5
d	Bar	0.7	0.5
	Rod	0.8	0.6
	Billet	0.8	0.6
e	Bar	1.4	0.9
	Rod	1.5	1.1
	Billet	1.7	1.2
f	Bar	0.6	0.5
	Rod	0.5	0.5
	Billet	0.4	0.3

Note: The negative figures represent the decrease in the cost, and the positive ones, the increase in the cost, relative to the respective costs in Case I-1.

Table 9-18 Manufacturing Cost (Case I: With Expansion)

DRP COST ACCOUNTING SHEET PHASE 2							
	1987	1988	1989	1990	1991	1992	1993
*<VARIABLE COST>**							
***<RAW MATERIALS>****							
PELLET UNIT PRICE	34.1650	34.1650	34.1650	34.1650	34.1650	34.1650	34.1650
PELLET UNIT CONSUMP	1.0150	1.0150	1.0150	1.0150	1.0150	1.0150	1.0150
PELLET COST PER DRI	34.6775	34.6775	34.6775	34.6775	34.6775	34.6775	34.6775
IRON ORE UNIT PRICE	32.2950	32.2950	32.2950	32.2950	32.2950	32.2950	32.2950
IRON ORE UNIT CONSU	.4350	.4350	.4350	.4350	.4350	.4350	.4350
IRON ORE COST PER D	14.0483	14.0483	14.0483	14.0483	14.0483	14.0483	14.0483
B. LIME UNIT PRICE	34.8437	34.1258	34.0536	34.0520	34.0520	33.0290	32.4470
B. LIME UNIT CONSUM	.0007	.0007	.0007	.0007	.0007	.0007	.0007
B. LIME COST PER DR	.0244	.0239	.0238	.0238	.0238	.0231	.0227
SUB TOTAL	48.7502	48.7497	48.7496	48.7496	48.7496	48.7489	48.7485
***<BYPRODUCT>***							
OXIDE FINE UNIT PRI	11.0000	11.0000	11.0000	11.0000	11.0000	11.0000	11.0000
OXIDE FINE UNIT OUT	.0450	.0450	.0450	.0450	.0450	.0450	.0450
FINE MINUS COST PER	.4950	.4950	.4950	.4950	.4950	.4950	.4950
SUB TOTAL	.4950	.4950	.4950	.4950	.4950	.4950	.4950
***<UTILITY>****							
ELEC. UNIT PRICE	.0219	.0209	.0207	.0207	.0207	.0199	.0194
ELEC. UNIT CONSUMPT	110.0000	110.0000	110.0000	110.0000	110.0000	110.0000	110.0000
ELEC. COST PER DRI	2.4040	2.2935	2.2787	2.2786	2.2786	2.1883	2.1353
GAS UNIT PRICE	.0879	.0878	.0878	.0878	.0878	.0875	.0875
GAS UNIT CONSUMPTIO	270.0000	270.0000	270.0000	270.0000	270.0000	270.0000	270.0000
GAS COST PER DRI	23.7246	23.6943	23.6932	23.6932	23.6932	23.6307	23.6123

AIR UNIT PRICE	.0277	.0194	.0194	.0194	.0167	.0153
AIR UNIT CONSUMPTIO	7.0000	7.0000	7.0000	7.0000	7.0000	7.0000
AIR COST PER DRI	.1939	.1359	.1358	.1358	.1170	.1070
O2 N2 UNIT PRICE	.1854	.1534	.1534	.1534	.1131	.0985
O2 N2 UNIT CONSUMPT	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
O2 N2 COST PER DRI	.1854	.1534	.1534	.1534	.1131	.0985
WATER UNIT PRICE	.7893	.6841	.6728	.6728	.9457	.8291
WATER UNIT CONSUMPT	1.3000	1.3000	1.3000	1.3000	1.3000	1.3000
WATER COST PER DRI	1.0261	.8893	.8746	.8746	1.2294	1.0779
SUB TOTAL	27.5339	27.1752	27.1358	27.1356	27.2784	27.0310
VARIABLE COST T	75.7891	75.4299	75.3905	75.3902	75.5323	75.2846
*<FIXED COST>***						
PRODUCTION OF DRI	845,000.0000	716,000.0000	716,000.0000	716,000.0000	716,000.0000	716,000.0000
TOTAL LABOR COST FO	106,266.6667	79,700.0000	79,700.0000	79,700.0000	79,700.0000	79,700.0000
TOTAL DEPRECIATION	7658,000.0000	5743500	5743500	5743500	11173500	12984500
TOTAL SPECIAL REPAI	2000,000.0000	1500000	1500000	1500000	2200000	2200000
TOTAL REPAIR COST F	3444,000.0000	2583000	2583000	2583000	4980000	4980000
TOTAL OTHER FIXED C	1210,385.2624	910,538.8580	910,538.8580	910,538.8580	1225773	1225773
FIXED COST TOTA	17,0635	15,1072	15,1072	15,1072	17,6514	16,2494
GRAND TOTAL	92.8526	90.5371	90.4977	90.4974	93.1838	91.5340

LCP COST ACCOUNTING SHEET PHASE 2

	1987	1988	1989	1990	1991	1992	1993
*<VARIABLE COST>**							
***<RAW MATERIALS>****							
LIME STONE UNIT PRI	12.0000	12.0000	12.0000	12.0000	12.0000	12.0000	12.0000
LIME STONE UNIT CON	1.9800	1.9800	1.9800	1.9800	1.9800	1.9800	1.9800
LIME STONE COST PER	23.7600	23.7600	23.7600	23.7600	23.7600	23.7600	23.7600
SUB TOTAL	23.7600	23.7600	23.7600	23.7600	23.7600	23.7600	23.7600
***<BYPRODUCT>****							
LIME FINE UNIT PRIC	2.2500	2.2500	2.2500	2.2500	2.2500	2.2500	2.2500
LIME FINE UNIT OUTP	.2700	.2700	.2700	.2700	.2700	.2700	.2700
LIME FINE MINUS COS	.6075	.6075	.6075	.6075	.6075	.6075	.6075
SUB TOTAL	.6075	.6075	.6075	.6075	.6075	.6075	.6075
***<UTILITY>****							
ELEC. UNIT PRICE	.0219	.0209	.0207	.0207	.0207	.0199	.0194
ELEC. UNIT CONSUMPT	65.0000	65.0000	65.0000	65.0000	65.0000	62.0000	60.0000
ELEC. COST PER BURN	1.4205	1.3553	1.3465	1.3465	1.3465	1.2334	1.1647
GAS UNIT PRICE	.0879	.0878	.0878	.0878	.0878	.0875	.0875
GAS UNIT CONSUMPTIO	90.0000	90.0000	90.0000	90.0000	90.0000	87.0000	85.0000
GAS COST PER BURNT	7.9082	7.8981	7.8977	7.8977	7.8977	7.6143	7.4335
AIR UNIT PRICE	.0277	.0202	.0194	.0194	.0194	.0167	.0153
AIR UNIT CONSUMPTIO	85.0000	85.0000	85.0000	85.0000	85.0000	61.0000	45.0000
AIR COST PER BURNT	2.3546	1.7131	1.6501	1.6486	1.6486	1.0193	.6880
O2 N2 UNIT PRICE	.1854	.1570	.1534	.1534	.1534	.1131	.0985
O2 N2 UNIT CONSUMPT	.0000	.0000	.0000	.0000	.0000	.0000	.0000
O2 N2 COST PER BURN	.0000	.0000	.0000	.0000	.0000	.0000	.0000

WATER UNIT PRICE	.7893	.6841	.6728	.6728	.6728	.9457	.8291
WATER UNIT CONSUMPT	.0100	.0100	.0100	.0100	.0100	.0100	.0100
WATER COST PER BURN	.0079	.0068	.0067	.0067	.0067	.0095	.0083
SUB TOTAL	11.6912	10.9733	10.9011	10.8995	10.8995	9.8765	9.2945
VARIABLE COST TOTAL	34.8437	34.1258	34.0536	34.0520	34.0520	33.0290	32.4470
*<FIXED COST>**							
PRODUCTION OF BURNT	37,000.0000	33,000.0000	34,000.0000	34,000.0000	34,000.0000	44,000.0000	50,000.0000
TOTAL LABOR COST FO	54,320.0000	40,740.0000	40,740.0000	40,740.0000	40,740.0000	43,750.0000	43,750.0000
TOTAL DEPRECIATION	891,700.0000	668,800.0000	668,800.0000	668,800.0000	668,800.0000	668,800.0000	668,800.0000
TOTAL SPECIAL REPAI	80,000.0000	60,000.0000	60,000.0000	60,000.0000	60,000.0000	74,000.0000	74,000.0000
TOTAL REPAIR COST F	400,000.0000	300,000.0000	300,000.0000	300,000.0000	300,000.0000	300,000.0000	300,000.0000
TOTAL OTHER FIXED C	1208,051.2300	908,788.3280	908,788.3280	908,788.3280	908,788.3280	1220421	1220421
FIXED COST TOTAL	71.1911	59.9493	58.1861	58.1861	58.1861	52.4312	46.1394
GRAND TOTAL	106.0348	94.0751	92.2397	92.2381	92.2381	85.4602	78.5864

SMP COST ACCOUNTING SHEET PHASE 2

	1987	1988	1989	1990	1991	1992	1993
*<VARIABLE COST>**							
***<RAW MATERIALS AND SUPPLIES>***							
DRI UNIT PRICE	75.7891	75.4299	75.3905	75.3902	75.3902	75.5323	75.2846
DRI UNIT CONSUMPTIO	.9470	.8970	.8720	.8720	.8720	1.0330	1.0770
DRI COST PER BILLET	71.7723	67.6606	65.7405	65.7403	65.7403	78.0249	81.0815
SCRAP UNIT PRICE	57.8550	57.8550	57.8550	57.8550	57.8550	57.8550	57.8550
SCRAP UNIT CONSUMPT	.2370	.2810	.3040	.3040	.3040	.1590	.1200
SCRAP COST PER BILL	13.7116	16.2573	17.5879	17.5879	17.5879	9.1989	6.9426
BURNT LIME UNIT PRI	34.8437	34.1258	34.0536	34.0520	34.0520	33.0290	32.4470
BURNT LIME UNIT CON	.0410	.0410	.0410	.0410	.0410	.0410	.0410
BURNT LIME COST PER	1.4286	1.3992	1.3962	1.3961	1.3961	1.3542	1.3303
FLOURSPAR UNIT PRIC	205.9000	205.9000	205.9000	205.9000	205.9000	205.9000	205.9000
FLOURSPAR UNIT CONS	.0020	.0020	.0020	.0020	.0020	.0020	.0020
FLOURSPAR COST PER	.4118	.4118	.4118	.4118	.4118	.4118	.4118
FE-MN UNIT PRICE	357.3600	357.3600	357.3600	357.3600	357.3600	357.3600	357.3600
FE-MN UNIT CONSUMPT	.0140	.0140	.0140	.0140	.0140	.0140	.0140
FE-MN COST PER BILL	5.0030	5.0030	5.0030	5.0030	5.0030	5.0030	5.0030
FE-SI UNIT PRICE	518.8050	518.8050	518.8050	518.8050	518.8050	518.8050	518.8050
FE-SI UNIT CONSUMPT	.0049	.0049	.0049	.0049	.0049	.0049	.0049
FE-SI COST PER BILL	2.5421	2.5421	2.5421	2.5421	2.5421	2.5421	2.5421
AL UNIT PRICE	766.5000	766.5000	766.5000	766.5000	766.5000	766.5000	766.5000
AL UNIT CONSUMPTION	.0001	.0001	.0001	.0001	.0001	.0001	.0001
AL COST PER BILLRT	.0767	.0767	.0767	.0767	.0767	.0767	.0767
COKE BREEZE UNIT PR	97.1250	97.1250	97.1250	97.1250	97.1250	97.1250	97.1250
COKE BREEZE UNIT CO	.0013	.0013	.0013	.0013	.0013	.0013	.0013

COKE BREEZE COST PE	.1263	.1263	.1263	.1263	.1263	.1263	.1263
ELECTRODE UNIT PRIC	2,045.8200	2,045.8200	2,045.8200	2,045.8200	2,045.8200	2,045.8200	2,045.8200
ELECTRODE UNIT CONS	.0041	.0041	.0041	.0041	.0041	.0041	.0041
ELECTRODE COST PER	8.3879	8.3879	8.3879	8.3879	8.3879	8.3879	8.3879
FETTLING MATERIALS	427.0000	427.0000	427.0000	427.0000	427.0000	427.0000	427.0000
FETTLING MATERIALS	.0260	.0260	.0260	.0260	.0260	.0260	.0260
FETTLING MATERIALS	11.1020	11.1020	11.1020	11.1020	11.1020	11.1020	11.1020
FURNACE BRICK UNIT	1,207.0000	1,207.0000	1,207.0000	1,207.0000	1,207.0000	1,207.0000	1,207.0000
FURNACE BRICK UNIT	.0026	.0026	.0026	.0026	.0026	.0026	.0026
FURNACE BRICK COST	3.1382	3.1382	3.1382	3.1382	3.1382	3.1382	3.1382
LADLE BRICK UNIT PR	747.0000	747.0000	747.0000	747.0000	747.0000	747.0000	747.0000
LADLE BRICK UNIT CO	.0030	.0030	.0030	.0030	.0030	.0030	.0030
LADLE BRICK COST PE	2.2410	2.2410	2.2410	2.2410	2.2410	2.2410	2.2410
TUNDISH BRICK UNIT	713.0000	713.0000	713.0000	713.0000	713.0000	713.0000	713.0000
TUNDISH BRICK UNIT	.0030	.0030	.0030	.0030	.0030	.0030	.0030
TUNDISH BRICK COST	2.1390	2.1390	2.1390	2.1390	2.1390	2.1390	2.1390
SUB TOTAL	122.0805	120.4850	119.8926	119.8923	119.8923	123.7460	124.5223
***<BYPRODUCT>***							
SCRAP UNIT PRICE	57.8550	57.8550	57.8550	57.8550	57.8550	57.8550	57.8550
SCRAP UNIT OUTPUT	.0164	.0164	.0164	.0164	.0164	.0164	.0164
SCRAP MINUS COST PE	.9488	.9488	.9488	.9488	.9488	.9488	.9488
SUB TOTAL	.9488	.9488	.9488	.9488	.9488	.9488	.9488
***<UTILITY>***							
ELEC. UNIT PRICE	.0219	.0209	.0207	.0207	.0207	.0199	.0194
ELEC. UNIT CONSUMPT	718.0000	708.0000	708.0000	708.0000	708.0000	731.0000	731.0000
ELEC. COST PER BILL	15.6912	14.7621	14.6667	14.6660	14.6660	14.5421	14.1900
GAS UNIT PRICE	.0879	.0878	.0878	.0878	.0878	.0875	.0875
GAS UNIT CONSUMPTIO	4.0500	4.0500	4.0500	4.0500	4.0500	4.0500	4.0500

GAS COST PER BILLE	.3559	.3554	.3554	.3554	.3554	.3542
AIR UNIT PRICE	.0277	.0202	.0194	.0194	.0167	.0153
AIR UNIT CONSUMPTIO	7.8600	7.8600	7.8600	7.8600	7.8600	7.8600
AIR COST PER BILLET	.2177	.1584	.1526	.1524	.1313	.1202
O2 N2 UNIT PRICE	.1854	.1570	.1534	.1534	.1131	.0985
O2 N2 UNIT CONSUMPT	4.0800	4.0800	4.0800	4.0800	4.0800	4.0800
O2 N2 COST PER BILL	.7566	.6407	.6259	.6259	.4613	.4020
WATER UNIT PRICE	.7893	.6841	.6728	.6728	.9457	.8291
WATER UNIT CONSUMPT	2.1400	2.1400	2.1400	2.1400	2.1400	2.1400
WATER COST PER BILL	1.6890	1.4639	1.4397	1.4397	2.0237	1.7744
SUB TOTAL	18.7104	17.3805	17.2403	17.2394	17.5129	16.8408
VARIABLE COST TOTA	139.8421	136.9167	136.1840	136.1829	140.3101	140.4143
*<FIXED COST>**						
PRODUCTION OF BILLE	892,000.0000	798,000.0000	821,000.0000	821,000.0000	821,000.0000	821,000.0000
TOTAL LABOR COST FO	1088,506.6667	816,380.0000	816,380.0000	816,380.0000	816,380.0000	816,380.0000
TOTAL DEPRECIATION	14128,500.0000	10596400	10596400	10596400	10596400	10596400
TOTAL REPAIR COST F	6111,000.0000	4583000	4583000	4583000	4583000	4583000
TOTAL PRECEDING PR	17052,723.1591	12795067	12795067	12795067	12795067	12795067
TOTAL OTHER FIXED C	1261,328.0550	948,746.0780	948,746.0780	948,746.0780	948,746.0780	948,746.0780
FIXED COST TOTAL	44,4418	37,2677	36,2236	36,2236	45,1934	42,2602
GRAND TOTAL	184,2839	174,1844	172,4076	172,4065	185,5035	182,6744



BMP COST ACCOUNTING SHEET PHASE 2

	1987	1988	1989	1990	1991	1992	1993
*<VARIABLE COST>**							
***<RAW MATERIALS>***							
BILLET UNIT PRICE	139.8421	136.9167	136.1840	136.1829	136.1829	140.3101	140.4143
BILLET UNIT CONSUMPT	1.0420	1.0420	1.0420	1.0420	1.0420	1.0420	1.0420
BILLET COST PER BAR	145.7155	142.6672	141.9037	141.9026	141.9026	146.2031	146.3117
SUB TOTAL	145.7155	142.6672	141.9037	141.9026	141.9026	146.2031	146.3117
***<BYPRODUCT>***							
SCRAP UNIT PRICE	57.8550	57.8550	57.8550	57.8550	57.8550	57.8550	57.8550
SCRAP UNIT OUTPUT	.0260	.0260	.0260	.0260	.0260	.0260	.0260
SCRAP MINUS COST PE	1.5042	1.5042	1.5042	1.5042	1.5042	1.5042	1.5042
SUB TOTAL	1.5042	1.5042	1.5042	1.5042	1.5042	1.5042	1.5042
***<UTILITY>***							
ELEC. UNIT PRICE	.0219	.0209	.0207	.0207	.0207	.0199	.0194
ELEC. UNIT CONSUMPT	86.0000	86.0000	86.0000	86.0000	86.0000	86.0000	86.0000
ELEC. COST PER BAR	1.8795	1.7931	1.7815	1.7815	1.7815	1.7108	1.6694
GAS UNIT PRICE	.0879	.0878	.0878	.0878	.0878	.0875	.0875
GAS UNIT CONSUMPTIO	29.5000	29.5000	29.5000	29.5000	29.5000	29.5000	29.5000
GAS COST PER BAR	2.5921	2.5888	2.5887	2.5887	2.5887	2.5819	2.5799
AIR UNIT PRICE	.0277	.0202	.0194	.0194	.0194	.0167	.0153
AIR UNIT CONSUMPTIO	19.3000	19.3000	19.3000	19.3000	19.3000	19.3000	19.3000
AIR COST PER BAR	.5346	.3890	.3747	.3743	.3743	.3225	.2951
O2 N2 UNIT PRICE	.1854	.1570	.1534	.1534	.1534	.1131	.0985
O2 N2 UNIT CONSUMPT	.0000	.0000	.0000	.0000	.0000	.0000	.0000
O2 N2 COST PER BAR	.0000	.0000	.0000	.0000	.0000	.0000	.0000

WATER UNIT PRICE	.7893	.6841	.6728	.6728	.6728	.9457	.8291
WATER UNIT CONSUMPT	.6882	.6882	.6882	.6882	.6882	.6882	.6882
WATER COST PER BAR	.5432	.4708	.4630	.4630	.4630	.6508	.5706
SUB TOTAL	5.5494	5.2417	5.2079	5.2075	5.2075	5.2060	5.1150
VARIABLE COST TOTAL	149.7606	146.4047	145.6074	145.6058	145.6058	149.9649	149.9224
*<FIXED COST>:**							
PRODUCTION OF BAR	446,000.0000	418,000.0000	425,000.0000	425,000.0000	425,000.0000	427,000.0000	427,000.0000
TOTAL LABOR COST FO	394,220.0000	295,665.0000	295,665.0000	295,665.0000	295,665.0000	322,805.0000	322,805.0000
TOTAL DEPRECIATION	4298,500.0000	3223900	3223900	3223900	3223900	3223900	3223900
TOTAL REPAIR COST F	1783,000.0000	1337000	1337000	1337000	1337000	1337000	1337000
TOTAL PRECEDING PR	28333,906.7545	17484037	16988343	16965540	16965540	20921824	19833483
TOTAL OTHER FIXED C	1225,404.2530	921,803.1380	921,803.1380	921,803.1380	921,803.1380	1233503	1233503
FIXED COST TOTAL	80.7960	55.6517	53.5687	53.5151	53.5151	63.3233	60.7745
GRAND TOTAL	230.5507	202.0564	199.1762	199.1209	199.1209	213.2882	210.6969

RMP COST ACCOUNTING SHEET PHASE 2

	1987	1988	1989	1990	1991	1992	1993
*<VARIABLE COST>**							
***<RAW MATERIALS>***							
BILLET UNIT PRICE	139.8421	136.9167	136.1840	136.1829	136.1829	140.3101	140.4143
BILLET UNIT CONSUMP	1.0310	1.0310	1.0310	1.0310	1.0310	1.0310	1.0310
BILLET COST PER ROD	144.1772	141.1611	140.4057	140.4046	140.4046	144.6597	144.7671
SUB TOTAL	144.1772	141.1611	140.4057	140.4046	140.4046	144.6597	144.7671
***<BYPRODUCT>***							
SCRAP UNIT PRICE	57.8550	57.8550	57.8550	57.8550	57.8550	57.8550	57.8550
SCRAP UNIT OPUTPUT	.0160	.0160	.0160	.0160	.0160	.0150	.0150
SCRAP MINUS COST PE	.9257	.9257	.9257	.9257	.9257	.8678	.8678
SUB TOTAL	.9257	.9257	.9257	.9257	.9257	.8678	.8678
***<UTILITY>***							
ELEC. UNIT PRICE	.0219	.0209	.0207	.0207	.0207	.0199	.0194
ELEC. UNIT CONSUMPT	144.0000	144.0000	144.0000	144.0000	144.0000	135.0000	131.0000
ELEC. COST PER ROD	3.1470	3.0025	2.9831	2.9829	2.9829	2.6856	2.5429
GAS UNIT PRICE	.0879	.0878	.0878	.0878	.0878	.0875	.0875
GAS UNIT CONSUMPTIO	32.5000	32.5000	32.5000	32.5000	32.5000	31.7000	31.3000
GAS COST PER ROD	2.8557	2.8521	2.8520	2.8520	2.8520	2.7744	2.7373
AIR UNIT PRICE	.0277	.0202	.0194	.0194	.0194	.0167	.0153
AIR UNIT CONSUMPTIO	30.0000	30.0000	30.0000	30.0000	30.0000	27.0000	25.0000
AIR COST PER ROD	.8310	.6046	.5824	.5818	.5818	.4512	.3822
O2 N2 UNIT PRICE	.1854	.1570	.1534	.1534	.1534	.1131	.0985
O2 N2 UNIT CONSUMPT	.0000	.0000	.0000	.0000	.0000	.0000	.0000
O2 N2 COST PER ROD	.0000	.0000	.0000	.0000	.0000	.0000	.0000

WATER UNIT PRICE	.7893	.6841	.6728	.6728	.6728	.9457	.8291
WATER UNIT CONSUMPT	.8545	.8545	.8545	.8545	.8545	.8182	.8000
WATER COST PER ROD	.6745	.5846	.5749	.5749	.5749	.7737	.6633
SUB TOTAL	7.5082	7.0437	6.9923	6.9916	6.9916	6.6850	6.3257
VARIABLE COST TOTA	150.7598	147.2792	146.4723	146.4705	146.4705	150.4768	150.2250
*<FIXED COST>**							
PRODUCTION OF ROD	178,000.0000	293,000.0000	319,000.0000	320,000.0000	320,000.0000	571,000.0000	693,000.0000
TOTAL LABOR COST F0	363,713.3333	272,785.0000	272,785.0000	272,785.0000	272,785.0000	331,605.0000	331,605.0000
TOTAL DEPRECIATION	3182,200.0000	2937400	2937400	2937400	2937400	5325400	5324400
TOTAL REPAIR COST F	1493,000.0000	1120000	1120000	1120000	1120000	1808000	1808000
TOTAL PRECEDING PR	11308,151.1262	12255557	12751250	12774053	12774053	27977427	32188768
TOTAL OTHER FIXED C	1223,882.0580	920,661.4880	920,661.4880	920,661.4880	920,661.4880	1233900	1233900
FIXED COST TOTA	98.7132	59.7488	56.4329	56.3278	56.3278	64.2318	58.9995
GRAND TOTAL	249.4729	207.0280	202.9052	202.7983	202.7983	214.7086	209.2246

DRP COST ACCOUNTING SHEET PHASE 2

	1994	1995	1996	1997	1998	1999	2000
**<VARIABLE COST>**							
***<RAW MATERIALS>***							
PELLET UNIT PRICE	34.1650	34.1650	34.1650	34.1650	34.1650	34.1650	34.1650
PELLET UNIT CONSUMP	1.0150	1.0150	1.0150	1.0150	1.0150	1.0150	1.0150
PELLET COST PER DRI	34.6775	34.6775	34.6775	34.6775	34.6775	34.6775	34.6775
IRON ORE UNIT PRICE	32.2950	32.2950	32.2950	32.2950	32.2950	32.2950	32.2950
IRON ORE UNIT CONSU	.4350	.4350	.4350	.4350	.4350	.4350	.4350
IRON ORE COST PER D	14.0483	14.0483	14.0483	14.0483	14.0483	14.0483	14.0483
B. LIME UNIT PRICE	32.4470	32.4469	32.1559	32.1470	32.1470	32.1470	32.1470
B. LIME UNIT CONSUM	.0007	.0007	.0007	.0007	.0007	.0007	.0007
B. LIME COST PER DR	.0227	.0227	.0225	.0225	.0225	.0225	.0225
SUB TOTAL	48.7485	48.7485	48.7483	48.7483	48.7483	48.7483	48.7483
***<BYPRODUCT>***							
OXIDE FINE UNIT PRI	11.0000	11.0000	11.0000	11.0000	11.0000	11.0000	11.0000
OXIDE FINE UNIT OUT	.0450	.0450	.0450	.0450	.0450	.0450	.0450
FINE MINUS COST PER	.4950	.4950	.4950	.4950	.4950	.4950	.4950
SUB TOTAL	.4950	.4950	.4950	.4950	.4950	.4950	.4950
***<UTILITY>***							
ELEC. UNIT PRICE	.0194	.0194	.0184	.0183	.0183	.0183	.0183
ELEC. UNIT CONSUMPT	110.0000	110.0000	110.0000	110.0000	110.0000	110.0000	110.0000
ELEC. COST PER DRI	2.1353	2.1353	2.0293	2.0130	2.0130	2.0130	2.0130
GAS UNIT PRICE	.0875	.0875	.0873	.0873	.0873	.0873	.0873
GAS UNIT CONSUMPTIO	270.0000	270.0000	270.0000	270.0000	270.0000	270.0000	270.0000
GAS COST PER DRI	23.6123	23.6123	23.5797	23.5797	23.5797	23.5797	23.5797

AIR UNIT PRICE	.0153	.0104	.0104	.0104	.0104	.0104
AIR UNIT CONSUMPTIO	7.0000	7.0000	7.0000	7.0000	7.0000	7.0000
AIR COST PER DRI	.1070	.0726	.0726	.0726	.0726	.0726
02 N2 UNIT PRICE	.0985	.0623	.0623	.0623	.0623	.0623
02 N2 UNIT CONSUMPT	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
02 N2 COST PER DRI	.0985	.0623	.0623	.0623	.0623	.0623
WATER UNIT PRICE	.8291	.6894	.6894	.6894	.6894	.6894
WATER UNIT CONSUMPT	1.3000	1.3000	1.3000	1.3000	1.3000	1.3000
WATER COST PER DRI	1.0779	.8962	.8962	.8962	.8962	.8962
SUB TOTAL	27.0310	26.6400	26.6236	26.6236	26.6236	26.6236
VARIABLE COST T	75.2846	74.8933	74.8769	74.8769	74.8769	74.8769
*<FIXED COST>**						
PRODUCTION OF DRI	1327,000.0000	1327000	1327000	1327000	1327000	1327000
TOTAL LABOR COST FO	172,680.0000	172,680.0000	172,680.0000	172,680.0000	172,680.0000	172,680.0000
TOTAL DEPRECIATION	12984,500.0000	12983000	12981500	12981500	12981500	12981500
TOTAL SPECIAL REPAI	2200,000.0000	2200000	2200000	2200000	2200000	2200000
TOTAL REPAIR COST F	4980,000.0000	4980000	4980000	4980000	4980000	4980000
TOTAL OTHER FIXED C	1225,772.7020	1166693	1166673	1166673	1166673	1166673
FIXED COST TOTA	16.2494	16.2037	16.2026	16.2026	16.2026	16.2026
GRAND TOTAL	91.5340	91.0970	91.0795	91.0795	91.0795	91.0795

LCP COST ACCOUNTING SHEET PHASE 2

	1994	1995	1996	1997	1998	1999	2000
*<VARIABLE COST>**							
***<RAW MATERIALS>****							
LIME STONE UNIT PRI	12.0000	12.0000	12.0000	12.0000	12.0000	12.0000	12.0000
LIME STONE UNIT CON	1.9800	1.9800	1.9800	1.9800	1.9800	1.9800	1.9800
LIME STONE COST PER	23.7600	23.7600	23.7600	23.7600	23.7600	23.7600	23.7600
SUB TOTAL	23.7600	23.7600	23.7600	23.7600	23.7600	23.7600	23.7600
***<BYPRODUCT>****							
LIME FINE UNIT PRIC	2.2500	2.2500	2.2500	2.2500	2.2500	2.2500	2.2500
LIME FINE UNIT OUTP	.2700	.2700	.2700	.2700	.2700	.2700	.2700
LIME FINE MINUS COS	.6075	.6075	.6075	.6075	.6075	.6075	.6075
SUB TOTAL	.6075	.6075	.6075	.6075	.6075	.6075	.6075
***<UTILITY>****							
ELEC. UNIT PRICE	.0194	.0194	.0184	.0183	.0183	.0183	.0183
ELEC. UNIT CONSUMPT	60.0000	60.0000	60.0000	60.0000	60.0000	60.0000	60.0000
ELEC. COST PER BURN	1.1647	1.1647	1.1069	1.0980	1.0980	1.0980	1.0980
GAS UNIT PRICE	.0875	.0875	.0873	.0873	.0873	.0873	.0873
GAS UNIT CONSUMPTIO	85.0000	85.0000	85.0000	85.0000	85.0000	85.0000	85.0000
GAS COST PER BURNT	7.4335	7.4335	7.4232	7.4232	7.4232	7.4232	7.4232
AIR UNIT PRICE	.0153	.0153	.0104	.0104	.0104	.0104	.0104
AIR UNIT CONSUMPTIO	45.0000	45.0000	45.0000	45.0000	45.0000	45.0000	45.0000
AIR COST PER BURNT	.6880	.6880	.4664	.4664	.4664	.4664	.4664
O2 N2 UNIT PRICE	.0985	.0985	.0623	.0623	.0623	.0623	.0623
O2 N2 UNIT CONSUMPT	.0000	.0000	.0000	.0000	.0000	.0000	.0000
O2 N2 COST PER BURN	.0000	.0000	.0000	.0000	.0000	.0000	.0000

WATER UNIT PRICE	.8291	.8249	.6894	.6894	.6894	.6894	.6894
WATER UNIT CONSUMPT	.0100	.0100	.0100	.0100	.0100	.0100	.0100
WATER COST PER BURN	.0083	.0082	.0069	.0069	.0069	.0069	.0069
SUB TOTAL	9.2945	9.2944	9.0034	8.9945	8.9945	8.9945	8.9945
VARIABLE COST TOTAL	32.4470	32.4469	32.1559	32.1470	32.1470	32.1470	32.1470
**<FIXED COST>**							
PRODUCTION OF BURNT	50,000.0000	50,000.0000	50,000.0000	50,000.0000	50,000.0000	50,000.0000	50,000.0000
TOTAL LABOR COST FO	43,750.0000	43,750.0000	43,750.0000	43,750.0000	43,750.0000	43,750.0000	43,750.0000
TOTAL DEPRECIATION	668,800.0000	668,800.0000	668,000.0000	667,300.0000	667,300.0000	667,300.0000	667,300.0000
TOTAL SPECIAL REPAI	74,000.0000	74,000.0000	74,000.0000	74,000.0000	74,000.0000	74,000.0000	74,000.0000
TOTAL REPAIR COST F	300,000.0000	300,000.0000	300,000.0000	300,000.0000	300,000.0000	300,000.0000	300,000.0000
TOTAL OTHER FIXED C	1220,420.7620	1220421	1161341	1161321	1161321	1161321	1161321
FIXED COST TOTAL	46.1394	46.1394	44.9418	44.9274	44.9274	44.9274	44.9274
GRAND TOTAL	78.5864	78.5863	77.0978	77.0745	77.0745	77.0745	77.0745



SMP COST ACCOUNTING SHEET PHASE 2

	1994	1995	1996	1997	1998	1999	2000
*<VARIABLE COST>**							
***<RAW MATERIALS AND SUPPLIES>****							
DRI UNIT PRICE	75.2846	75.2791	74.8933	74.8769	74.8769	74.8769	74.8769
DRI UNIT CONSUMPTIO	1.0770	1.0770	1.0770	1.0770	1.0770	1.0770	1.0770
DRI COST PER BILLET	81.0815	81.0755	80.6600	80.6424	80.6424	80.6424	80.6424
SCRAP UNIT PRICE	57.8550	57.8550	57.8550	57.8550	57.8550	57.8550	57.8550
SCRAP UNIT CONSUMPT	.1200	.1200	.1200	.1200	.1200	.1200	.1200
SCRAP COST PER BILL	6.9426	6.9426	6.9426	6.9426	6.9426	6.9426	6.9426
BURNT LIME UNIT PRI	32.4470	32.4469	32.1559	32.1470	32.1470	32.1470	32.1470
BURNT LIME UNIT CON	.0410	.0410	.0410	.0410	.0410	.0410	.0410
BURNT LIME COST PER	1.3303	1.3303	1.3184	1.3180	1.3180	1.3180	1.3180
FLOURSPAR UNIT PRIC	205.9000	205.9000	205.9000	205.9000	205.9000	205.9000	205.9000
FLOURSPAR UNIT CONS	.0020	.0020	.0020	.0020	.0020	.0020	.0020
FLOURSPAR COST PER	.4118	.4118	.4118	.4118	.4118	.4118	.4118
FE-MN UNIT PRICE	357.3600	357.3600	357.3600	357.3600	357.3600	357.3600	357.3600
FE-MN UNIT CONSUMPT	.0140	.0140	.0140	.0140	.0140	.0140	.0140
FE-MN COST PER BILL	5.0030	5.0030	5.0030	5.0030	5.0030	5.0030	5.0030
FE-SI UNIT PRICE	518.8050	518.8050	518.8050	518.8050	518.8050	518.8050	518.8050
FE-SI UNIT CONSUMPT	.0049	.0049	.0049	.0049	.0049	.0049	.0049
FE-SI COST PER BILL	2.5421	2.5421	2.5421	2.5421	2.5421	2.5421	2.5421
AL UNIT PRICE	766.5000	766.5000	766.5000	766.5000	766.5000	766.5000	766.5000
AL UNIT CONSUMPTION	.0001	.0001	.0001	.0001	.0001	.0001	.0001
AL COST PER BILLRT	.0767	.0767	.0767	.0767	.0767	.0767	.0767
COKE BREEZE UNIT PR	97.1250	97.1250	97.1250	97.1250	97.1250	97.1250	97.1250
COKE BREEZE UNIT CO	.0013	.0013	.0013	.0013	.0013	.0013	.0013

COKE BREEZE COST PE	.1263	.1263	.1263	.1263	.1263	.1263
ELECTRODE UNIT PRIC	2,045.8200	2,045.8200	2,045.8200	2,045.8200	2,045.8200	2,045.8200
ELECTRODE UNIT CONS	.0041	.0041	.0041	.0041	.0041	.0041
ELECTRODE COST PER	8.3879	8.3879	8.3879	8.3879	8.3879	8.3879
FETTLING MATERIALS	427.0000	427.0000	427.0000	427.0000	427.0000	427.0000
FETTLING MATERIALS	.0260	.0260	.0260	.0260	.0260	.0260
FETTLING MATERIALS	11.1020	11.1020	11.1020	11.1020	11.1020	11.1020
FURNACE BRICK UNIT	1,207.0000	1,207.0000	1,207.0000	1,207.0000	1,207.0000	1,207.0000
FURNACE BRICK UNIT	.0026	.0026	.0026	.0026	.0026	.0026
FURNACE BRICK COST	3.1382	3.1382	3.1382	3.1382	3.1382	3.1382
LADLE BRICK UNIT PR	747.0000	747.0000	747.0000	747.0000	747.0000	747.0000
LADLE BRICK UNIT CO.	.0030	.0030	.0030	.0030	.0030	.0030
LADLE BRICK COST PE	2.2410	2.2410	2.2410	2.2410	2.2410	2.2410
TUNDISH BRICK UNIT	713.0000	713.0000	713.0000	713.0000	713.0000	713.0000
TUNDISH BRICK UNIT	.0030	.0030	.0030	.0030	.0030	.0030
TUNDISH BRICK COST	2.1390	2.1390	2.1390	2.1390	2.1390	2.1390
SUB TOTAL	124.5223	124.5164	124.0890	124.0710	124.0710	124.0710
***<BYPRODUCT>***						
SCRAP UNIT PRICE	57.8550	57.8550	57.8550	57.8550	57.8550	57.8550
SCRAP UNIT OUTPUT	.0164	.0164	.0164	.0164	.0164	.0164
SCRAP MINUS COST PE	.9488	.9488	.9488	.9488	.9488	.9488
SUB TOTAL	.9488	.9488	.9488	.9488	.9488	.9488
***<UTILITY>***						
ELEC. UNIT PRICE	.0194	.0194	.0184	.0183	.0183	.0183
ELEC. UNIT CONSUMPT	731.0000	731.0000	731.0000	731.0000	731.0000	731.0000
ELEC. COST PER BILL	14.1900	14.1900	13.4857	13.3771	13.3771	13.3771
GAS UNIT PRICE	.0875	.0875	.0873	.0873	.0873	.0873
GAS UNIT CONSUMPTIO	4.0500	4.0500	4.0500	4.0500	4.0500	4.0500

GAS COST PER BILLE	.3542	.3537	.3537	.3537	.3537	.3537
AIR UNIT PRICE	.0153	.0104	.0104	.0104	.0104	.0104
AIR UNIT CONSUMPTIO	7.8600	7.8600	7.8600	7.8600	7.8600	7.8600
AIR COST PER BILLET	.1202	.0815	.0815	.0815	.0815	.0815
02 N2 UNIT PRICE	.0985	.0623	.0623	.0623	.0623	.0623
02 N2 UNIT CONSUMPT	4.0800	4.0800	4.0800	4.0800	4.0800	4.0800
02 N2 COST PER BILL	.4020	.2540	.2540	.2540	.2540	.2540
WATER UNIT PRICE	.8291	.6894	.6894	.6894	.6894	.6894
WATER UNIT CONSUMPT	2.1400	2.1400	2.1400	2.1400	2.1400	2.1400
WATER COST PER BILL	1.7744	1.4752	1.4752	1.4752	1.4752	1.4752
SUB TOTAL	16.8408	15.6501	15.5415	15.5415	15.5415	15.5415
VARIABLE COST TOTA	140.4143	138.7903	138.6637	138.6637	138.6637	138.6637
*<FIXED COST>**						
PRODUCTION OF BILLE	1231,000.0000	1231000	1231000	1231000	1231000	1231000
TOTAL LABOR COST FO	1275,230.0000	1275230	1275230	1275230	1275230	1275230
TOTAL DEPRECIATION	18471,400.0000	18438700	18438700	18438700	18438700	18438200
TOTAL REPAIR COST F	7127,000.0000	7127000	7127000	7127000	7127000	7127000
TOTAL PRECEDING PR	23869923	23749463	23747223	23747223	23747223	23747223
TOTAL OTHER FIXED C	1278,697.4420	1219617	1219597	1219597	1219597	1219597
FIXED COST TOTAL	42.2602	42.0877	42.0859	42.0859	42.0859	42.0855
GRAND TOTAL	182.0744	180.8780	180.7496	180.7496	180.7496	180.7492

BMP COST ACCOUNTING SHEET PHASE 2

	1994	1995	1996	1997	1998	1999	2000
**<VARIABLE COST>**							
**<RAW MATERIALS>****							
BILLET UNIT PRICE	140.4143	140.3993	138.7903	138.6637	138.6637	138.6637	138.6637
BILLET UNIT CONSUMPT	1.0420	1.0420	1.0420	1.0420	1.0420	1.0420	1.0420
BILLET COST PER BAR	146.3117	146.2961	144.6194	144.4876	144.4876	144.4876	144.4876
SUB TOTAL	146.3117	146.2961	144.6194	144.4876	144.4876	144.4876	144.4876
**<BYPRODUCT>****							
SCRAP UNIT PRICE	57.8550	57.8550	57.8550	57.8550	57.8550	57.8550	57.8550
SCRAP UNIT OUTPUT	.0260	.0260	.0260	.0260	.0260	.0260	.0260
SCRAP MINUS COST PE	1.5042	1.5042	1.5042	1.5042	1.5042	1.5042	1.5042
SUB TOTAL	1.5042	1.5042	1.5042	1.5042	1.5042	1.5042	1.5042
**<UTILITY>****							
ELEC. UNIT PRICE	.0194	.0194	.0184	.0183	.0183	.0183	.0183
ELEC. UNIT CONSUMPT	86.0000	86.0000	86.0000	86.0000	86.0000	86.0000	86.0000
ELEC. COST PER BAR	1.6694	1.6694	1.5865	1.5738	1.5738	1.5738	1.5738
GAS UNIT PRICE	.0875	.0875	.0873	.0873	.0873	.0873	.0873
GAS UNIT CONSUMPTIO	29.5000	29.5000	29.5000	29.5000	29.5000	29.5000	29.5000
GAS COST PER BAR	2.5799	2.5799	2.5763	2.5763	2.5763	2.5763	2.5763
AIR UNIT PRICE	.0153	.0153	.0104	.0104	.0104	.0104	.0104
AIR UNIT CONSUMPTIO	19.3000	19.3000	19.3000	19.3000	19.3000	19.3000	19.3000
AIR COST PER BAR	.2951	.2951	.2000	.2000	.2000	.2000	.2000
O2 N2 UNIT PRICE	.0985	.0985	.0623	.0623	.0623	.0623	.0623
O2 N2 UNIT CONSUMPT	.0000	.0000	.0000	.0000	.0000	.0000	.0000
O2 N2 COST PER BAR	.0000	.0000	.0000	.0000	.0000	.0000	.0000

WATER UNIT PRICE	.8201	.8249	.6894	.6894	.6894	.6894	.6894	.6894	.6894
WATER UNIT CONSUMPT	.6882	.6882	.6882	.6882	.6882	.6882	.6882	.6882	.6882
WATER COST PER BAR	.5706	.5677	.4744	.4744	.4744	.4744	.4744	.4744	.4744
SUB TOTAL	5.1150	5.1120	4.8373	4.8245	4.8245	4.8245	4.8245	4.8245	4.8245
VARIABLE COST TOTAL	149.9224	149.9039	147.9525	147.8079	147.8079	147.8079	147.8079	147.8079	147.8079
*<FIXED COST>**									
PRODUCTION OF BAR	427,000.0000	427,000.0000	427,000.0000	427,000.0000	427,000.0000	427,000.0000	427,000.0000	427,000.0000	427,000.0000
TOTAL LABOR COST FO	322,805.0000	322,805.0000	322,805.0000	322,805.0000	322,805.0000	322,805.0000	322,805.0000	322,805.0000	322,805.0000
TOTAL DEPRECIATION	3223,900.0000	3223900	3214100	3212100	3212100	3212100	3212100	3212100	3212100
TOTAL REPAIR COST F	1337,000.0000	1337000	1337000	1337000	1337000	1337000	1337000	1337000	1337000
TOTAL PRECEEDING PR	19833,483.1579	19833483	19752567	19751705	19751705	19751705	19751705	19751705	19751514
TOTAL OTHER FIXED C	1233,503.2820	1233503	1174423	1174403	1174403	1174403	1174403	1174403	1174403
FIXED COST TOTAL	60.7745	60.7745	60.4236	60.4169	60.4169	60.4169	60.4169	60.4169	60.4164
GRAND TOTAL	210.6969	210.6784	208.3762	208.2248	208.2248	208.2248	208.2248	208.2248	208.2244

RMP COST ACCOUNTING SHEET PHASE 2

	1994	1995	1996	1997	1998	1999	2000
*<VARIABLE COST>**							
**<RAW MATERIALS>****							
BILLET UNIT PRICE	140.4143	140.3993	138.7903	138.6637	138.6637	138.6637	138.6637
BILLET UNIT CONSUMPT	1.0310	1.0310	1.0310	1.0310	1.0310	1.0310	1.0310
BILLET COST PER ROD	144.7671	144.7517	143.0928	142.9623	142.9623	142.9623	142.9623
SUB TOTAL	144.7671	144.7517	143.0928	142.9623	142.9623	142.9623	142.9623
**<BYPRODUCT>****							
SCRAP UNIT PRICE	57.8550	57.8550	57.8550	57.8550	57.8550	57.8550	57.8550
SCRAP UNIT OPUTPUT	.0150	.0150	.0150	.0150	.0150	.0150	.0150
SCRAP MINUS COST PE	.8678	.8678	.8678	.8678	.8678	.8678	.8678
SUB TOTAL	.8678	.8678	.8678	.8678	.8678	.8678	.8678
**<UTILITY>****							
ELEC. UNIT PRICE	.0194	.0194	.0184	.0183	.0183	.0183	.0183
ELEC. UNIT CONSUMPT	131.0000	131.0000	131.0000	131.0000	131.0000	131.0000	131.0000
ELEC. COST PER ROD	2.5429	2.5429	2.4167	2.3973	2.3973	2.3973	2.3973
GAS UNIT PRICE	.0875	.0875	.0873	.0873	.0873	.0873	.0873
GAS UNIT CONSUMPTIO	31.3000	31.3000	31.3000	31.3000	31.3000	31.3000	31.3000
GAS COST PER ROD	2.7373	2.7373	2.7335	2.7335	2.7335	2.7335	2.7335
AIR UNIT PRICE	.0153	.0153	.0104	.0104	.0104	.0104	.0104
AIR UNIT CONSUMPTIO	25.0000	25.0000	25.0000	25.0000	25.0000	25.0000	25.0000
AIR COST PER ROD	.3822	.3822	.2591	.2591	.2591	.2591	.2591
O2 N2 UNIT PRICE	.0985	.0985	.0623	.0623	.0623	.0623	.0623
O2 N2 UNIT CONSUMPT	.0000	.0000	.0000	.0000	.0000	.0000	.0000
O2 N2 COST PER ROD	.0000	.0000	.0000	.0000	.0000	.0000	.0000

WATER UNIT PRICE	.8291	.6894	.6894	.6894	.6894	.6894
WATER UNIT CONSUMPT	.8000	.8000	.8000	.8000	.8000	.8000
WATER COST PER ROD	.6633	.6599	.5515	.5515	.5515	.5515
SUB TOTAL	6.3257	6.3224	5.9608	5.9414	5.9414	5.9414
VARIABLE COST TOTA	150.2250	150.2062	148.1858	148.0359	148.0359	148.0359
*<FIXED COST>**						
PRODUCTION OF ROD	693,000.0000	693,000.0000	693,000.0000	693,000.0000	693,000.0000	693,000.0000
TOTAL LABOR COST FO	331,605.0000	331,605.0000	331,605.0000	331,605.0000	331,605.0000	331,605.0000
TOTAL DEPRECIATION	5324,400.0000	5324400	5324400	5324400	5324400	5324400
TOTAL REPAIR COST F	1808,000.0000	1808000	1808000	1808000	1808000	1808000
TOTAL PRECEEDING PR	32188,767.7481	32188768	32057444	32056046	32056046	32055736
TOTAL OTHER FIXED C	1233,899.7220	1233900	1174820	1174800	1174800	1174800
FIXED COST TOTA	58.9995	58.9995	58.7248	58.7227	58.7227	58.7223
GRAND TOTAL	209.2246	209.2058	206.9105	206.7586	206.7586	206.7581

DRP COST ACCOUNTING SHEET PHASE 2

	2001	2002	2003	2004	2005	2006	2007
**<VARIABLE COST>**							
***<RAW MATERIALS>***							
PELLET UNIT PRICE	34.1650	34.1650	34.1650	34.1650	34.1650	34.1650	34.1650
PELLET UNIT CONSUMP	1.0150	1.0150	1.0150	1.0150	1.0150	1.0150	1.0150
PELLET COST PER DRI	34.6775	34.6775	34.6775	34.6775	34.6775	34.6775	34.6775
IRON ORE UNIT PRICE	32.2950	32.2950	32.2950	32.2950	32.2950	32.2950	32.2950
IRON ORE UNIT CONSU	.4350	.4350	.4350	.4350	.4350	.4350	.4350
IRON ORE COST PER D	14.0483	14.0483	14.0483	14.0483	14.0483	14.0483	14.0483
B. LIME UNIT PRICE	32.1470	32.0976	32.0976	32.0976	32.0976	32.0976	32.2773
B. LIME UNIT CONSUM	.0007	.0007	.0007	.0007	.0007	.0007	.0007
B. LIME COST PER DR	.0225	.0225	.0225	.0225	.0225	.0225	.0226
SUB TOTAL	48.7483	48.7483	48.7483	48.7483	48.7483	48.7483	48.7484
***<BYPRODUCT>***							
OXIDE FINE UNIT PRI	11.0000	11.0000	11.0000	11.0000	11.0000	11.0000	11.0000
OXIDE FINE UNIT OUT	.0450	.0450	.0450	.0450	.0450	.0450	.0450
FINE MINUS COST PER	.4950	.4950	.4950	.4950	.4950	.4950	.4950
SUB TOTAL	.4950	.4950	.4950	.4950	.4950	.4950	.4950
***<UTILITY>***							
ELEC. UNIT PRICE	.0183	.0181	.0181	.0181	.0181	.0181	.0188
ELEC. UNIT CONSUMPT	110.0000	110.0000	110.0000	110.0000	110.0000	110.0000	110.0000
ELEC. COST PER DRI	2.0130	1.9924	1.9924	1.9924	1.9924	1.9924	2.0657
GAS UNIT PRICE	.0873	.0873	.0873	.0873	.0873	.0873	.0874
GAS UNIT CONSUMPTIO	270.0000	270.0000	270.0000	270.0000	270.0000	270.0000	270.0000
GAS COST PER DRI	23.5797	23.5797	23.5797	23.5797	23.5797	23.5797	23.5991



AIR UNIT PRICE	.0104	.0096	.0096	.0096	.0096	.0096	.0125
AIR UNIT CONSUMPTIO	7.0000	7.0000	7.0000	7.0000	7.0000	7.0000	7.0000
AIR COST PER DRI	.0726	.0669	.0669	.0669	.0669	.0669	.0875
O2 N2 UNIT PRICE	.0623	.0623	.0623	.0623	.0623	.0623	.0840
O2 N2 UNIT CONSUMPT	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
O2 N2 COST PER DRI	.0623	.0623	.0623	.0623	.0623	.0623	.0840
WATER UNIT PRICE	.6894	.5257	.5257	.5257	.5257	.5257	.6093
WATER UNIT CONSUMPT	1.3000	1.3000	1.3000	1.3000	1.3000	1.3000	1.3000
WATER COST PER DRI	.8962	.6834	.6834	.6834	.6834	.6834	.7921
SUB TOTAL	26.6236	26.3846	26.3846	26.3846	26.3846	26.3846	26.6285
VARIABLE COST T	74.8769	74.6378	74.6378	74.6378	74.6378	74.6378	74.8819
*<FIXED COST>***							
PRODUCTION OF DRI	1327.000.0000	1327000	1327000	1327000	1327000	1327000	1327000
TOTAL LABOR COST FO	172,680.0000	172,680.0000	172,680.0000	172,680.0000	172,680.0000	172,680.0000	172,680.0000
TOTAL DEPRECIATION	11546,700.0000	10112000	10112000	10112000	10112000	10112000	7418000
TOTAL SPECIAL REPAI	2200,000.0000	2200000	2200000	2200000	2200000	2200000	2200000
TOTAL REPAIR COST F	4980,000.0000	4980000	4980000	4980000	4980000	4980000	7564000
TOTAL OTHER FIXED C	1166,672.7020	1056273	1056273	1056273	1056273	1056273	1090673
FIXED COST TOTA	15.1214	13.9570	13.9570	13.9570	13.9570	13.9570	13.9000
GRAND TOTAL	89.0983	88.5948	88.5948	88.5948	88.5948	88.5948	88.7819

LCP COST ACCOUNTING SHEET PHASE 2

	2001	2002	2003	2004	2005	2006	2007
*<VARIABLE COST>**							
***<RAW MATERIALS>****							
LIME STONE UNIT PRI	12.0000	12.0000	12.0000	12.0000	12.0000	12.0000	12.0000
LIME STONE UNIT CON	1.9800	1.9800	1.9800	1.9800	1.9800	1.9800	1.9800
LIME STONE COST PER	23.7600	23.7600	23.7600	23.7600	23.7600	23.7600	23.7600
SUB TOTAL	23.7600	23.7600	23.7600	23.7600	23.7600	23.7600	23.7600
***<BYPRODUCT>****							
LIME FINE UNIT PRIC	2.2500	2.2500	2.2500	2.2500	2.2500	2.2500	2.2500
LIME FINE UNIT OUTP	.2700	.2700	.2700	.2700	.2700	.2700	.2700
LIME FINE MINUS COS	.6075	.6075	.6075	.6075	.6075	.6075	.6075
SUB TOTAL	.6075	.6075	.6075	.6075	.6075	.6075	.6075
***<UTILITY>****							
ELEC. UNIT PRICE	.0183	.0181	.0181	.0181	.0181	.0181	.0188
ELEC. UNIT CONSUMPT	60.0000	60.0000	60.0000	60.0000	60.0000	60.0000	60.0000
ELEC. COST PER BURN	1.0980	1.0868	1.0868	1.0868	1.0868	1.0868	1.1268
GAS UNIT PRICE	.0873	.0873	.0873	.0873	.0873	.0873	.0874
GAS UNIT CONSUMPTIO	85.0000	85.0000	85.0000	85.0000	85.0000	85.0000	85.0000
GAS COST PER BURNT	7.4232	7.4232	7.4232	7.4232	7.4232	7.4232	7.4294
AIR UNIT PRICE	.0104	.0096	.0096	.0096	.0096	.0096	.0125
AIR UNIT CONSUMPTIO	45.0000	45.0000	45.0000	45.0000	45.0000	45.0000	45.0000
AIR COST PER BURNT	.4664	.4299	.4299	.4299	.4299	.4299	.5626
O2 N2 UNIT PRICE	.0623	.0623	.0623	.0623	.0623	.0623	.0840
O2 N2 UNIT CONSUMPT	.0000	.0000	.0000	.0000	.0000	.0000	.0000
O2 N2 COST PER BURN	.0000	.0000	.0000	.0000	.0000	.0000	.0000

WATER UNIT PRICE	.6894	.5257	.5257	.5257	.5257	.5257	.5257	.6093
WATER UNIT CONSUMPT	.0100	.0100	.0100	.0100	.0100	.0100	.0100	.0100
WATER COST PER BURN	.0069	.0053	.0053	.0053	.0053	.0053	.0053	.0061
SUB TOTAL	8.9945	8.9451	8.9451	8.9451	8.9451	8.9451	8.9451	9.1248
VARIABLE COST TOTAL	32.1470	32.0976	32.0976	32.0976	32.0976	32.0976	32.0976	32.2773
*<FIXED COST>**								
PRODUCTION OF BURNT	50,000.0000	50,000.0000	50,000.0000	50,000.0000	50,000.0000	50,000.0000	50,000.0000	50,000.0000
TOTAL LABOR COST FO	43,750.0000	43,750.0000	43,750.0000	43,750.0000	43,750.0000	43,750.0000	43,750.0000	43,750.0000
TOTAL DEPRECIATION	489,900.0000	334,000.0000	334,000.0000	334,000.0000	334,000.0000	334,000.0000	334,000.0000	334,000.0000
TOTAL SPECIAL REPAI	74,000.0000	74,000.0000	74,000.0000	74,000.0000	74,000.0000	74,000.0000	74,000.0000	74,000.0000
TOTAL REPAIR COST F	300,000.0000	300,000.0000	300,000.0000	300,000.0000	300,000.0000	300,000.0000	300,000.0000	300,000.0000
TOTAL OTHER FIXED C	1161,320.7620	1050921	1050921	1050921	1050921	1050921	1050921	1085321
FIXED COST TOTAL	41.3794	36.0534	36.0534	36.0534	36.0534	36.0534	36.0534	42.7614
GRAND TOTAL	73.5265	68.1510	68.1510	68.1510	68.1510	68.1510	68.1510	75.0387



COKE BREEZE COST PE	.1263	.1263	.1263	.1263	.1263	.1263	.1263
ELECTRODE UNIT PRIC	2,045.8200	2,045.8200	2,045.8200	2,045.8200	2,045.8200	2,045.8200	2,045.8200
ELECTRODE UNIT CONS	.0041	.0041	.0041	.0041	.0041	.0041	.0041
ELECTRODE COST PER	8.3879	8.3879	8.3879	8.3879	8.3879	8.3879	8.3879
FETTLING MATERIALS	427.0000	427.0000	427.0000	427.0000	427.0000	427.0000	427.0000
FETTLING MATERIALS	.0260	.0260	.0260	.0260	.0260	.0260	.0260
FETTLING MATERIALS	11.1020	11.1020	11.1020	11.1020	11.1020	11.1020	11.1020
FURNACE BRICK UNIT	1,207.0000	1,207.0000	1,207.0000	1,207.0000	1,207.0000	1,207.0000	1,207.0000
FURNACE BRICK UNIT	.0026	.0026	.0026	.0026	.0026	.0026	.0026
FURNACE BRICK COST	3.1382	3.1382	3.1382	3.1382	3.1382	3.1382	3.1382
LADLE BRICK UNIT PR	747.0000	747.0000	747.0000	747.0000	747.0000	747.0000	747.0000
LADLE BRICK UNIT CO	.0030	.0030	.0030	.0030	.0030	.0030	.0030
LADLE BRICK COST PE	2.2410	2.2410	2.2410	2.2410	2.2410	2.2410	2.2410
TUNDISH BRICK UNIT	713.0000	713.0000	713.0000	713.0000	713.0000	713.0000	713.0000
TUNDISH BRICK UNIT	.0030	.0030	.0030	.0030	.0030	.0030	.0030
TUNDISH BRICK COST	2.1390	2.1390	2.1390	2.1390	2.1390	2.1390	2.1390
SUB TOTAL	124.0710	123.8115	123.8115	123.8115	123.8115	123.8115	124.0817
***<BYPRODUCT>***							
SCRAP UNIT PRICE	57.8550	57.8550	57.8550	57.8550	57.8550	57.8550	57.8550
SCRAP UNIT OUTPUT	.0164	.0164	.0164	.0164	.0164	.0164	.0164
SCRAP MINUS COST PE	.9488	.9488	.9488	.9488	.9488	.9488	.9488
SUB TOTAL	.9488	.9488	.9488	.9488	.9488	.9488	.9488
***<UTILITY>***							
ELEC. UNIT PRICE	.0183	.0181	.0181	.0181	.0181	.0181	.0188
ELEC. UNIT CONSUMPT	731.0000	731.0000	731.0000	731.0000	731.0000	731.0000	731.0000
ELEC. COST PER BILL	13.3771	13.2404	13.2404	13.2404	13.2404	13.2404	13.7276
GAS UNIT PRICE	.0873	.0873	.0873	.0873	.0873	.0873	.0874
GAS UNIT CONSUMPTIO	4.0500	4.0500	4.0500	4.0500	4.0500	4.0500	4.0500

GAS COST PER BILLE	.3537	.3537	.3537	.3537	.3537	.3537	.3540
AIR UNIT PRICE	.0104	.0096	.0096	.0096	.0096	.0096	.0125
AIR UNIT CONSUMPTIO	7.8600	7.8600	7.8600	7.8600	7.8600	7.8600	7.8600
AIR COST PER BILLET	.0815	.0751	.0751	.0751	.0751	.0751	.0983
02 N2 UNIT PRICE	.0623	.0623	.0623	.0623	.0623	.0623	.0840
02 N2 UNIT CONSUMPT	4.0800	4.0800	4.0800	4.0800	4.0800	4.0800	4.0800
02 N2 COST PER BILL	.2540	.2540	.2540	.2540	.2540	.2540	.3427
WATER UNIT PRICE	.6894	.5257	.5257	.5257	.5257	.5257	.6093
WATER UNIT CONSUMPT	2.1400	2.1400	2.1400	2.1400	2.1400	2.1400	2.1400
WATER COST PER BILL	1.4752	1.1249	1.1249	1.1249	1.1249	1.1249	1.3040
SUB TOTAL	15.5415	15.0481	15.0481	15.0481	15.0481	15.0481	15.8265
VARIABLE COST TOTA	138.6637	137.9108	137.9108	137.9108	137.9108	137.9108	138.9594
*<FIXED COST>**							
PRODUCTION OF BILLE	1231,000.0000	1231000	1231000	1231000	1231000	1231000	1231000
TOTAL LABOR COST FO	1275,230.0000	1275230	1275230	1275230	1275230	1275230	1275230
TOTAL DEPRECIATION	13340,600.0000	13346600	13346600	13346600	13346600	13346600	10243600
TOTAL REPAIR COST F	7127,000.0000	7127000	7127000	7127000	7127000	7127000	11711000
TOTAL PRECEEDING PR	22135,023.4640	20323623	20323623	20323623	20323623	20323623	20583423
TOTAL OTHER FIXED C	1219,597.4420	1109197	1109197	1109197	1109197	1109197	1143597
FIXED COST TOTAL	36.6397	35.0785	35.0785	35.0785	35.0785	35.0785	36.5206
GRAND TOTAL	175.3034	172.9893	172.9893	172.9893	172.9893	172.9893	175.4800

BMP COST ACCOUNTING SHEET PHASE 2							
	2001	2002	2003	2004	2005	2006	2007
#<VARIABLE COST>##							
***<RAW MATERIALS>***							
BILLET UNIT PRICE	138.6637	137.9108	137.9108	137.9108	137.9108	137.9108	138.9594
BILLET UNIT CONSUMPT	1.0420	1.0420	1.0420	1.0420	1.0420	1.0420	1.0420
BILLET COST PER BAR	144.4876	143.7031	143.7031	143.7031	143.7031	143.7031	144.7957
SUB TOTAL	144.4876	143.7031	143.7031	143.7031	143.7031	143.7031	144.7957
***<BYPRODUCT>***							
SCRAP UNIT PRICE	57.8550	57.8550	57.8550	57.8550	57.8550	57.8550	57.8550
SCRAP UNIT OUTPUT	.0260	.0260	.0260	.0260	.0260	.0260	.0260
SCRAP MINUS COST PE	1.5042	1.5042	1.5042	1.5042	1.5042	1.5042	1.5042
SUB TOTAL	1.5042	1.5042	1.5042	1.5042	1.5042	1.5042	1.5042
***<UTILITY>***							
ELEC. UNIT PRICE	.0183	.0181	.0181	.0181	.0181	.0181	.0188
ELEC. UNIT CONSUMPT	86.0000	86.0000	86.0000	86.0000	86.0000	86.0000	86.0000
ELEC. COST PER BAR	1.5738	1.5577	1.5577	1.5577	1.5577	1.5577	1.6150
GAS UNIT PRICE	.0873	.0873	.0873	.0873	.0873	.0873	.0874
GAS UNIT CONSUMPTIO	29.5000	29.5000	29.5000	29.5000	29.5000	29.5000	29.5000
GAS COST PER BAR	2.5763	2.5763	2.5763	2.5763	2.5763	2.5763	2.5784
AIR UNIT PRICE	.0104	.0096	.0096	.0096	.0096	.0096	.0125
AIR UNIT CONSUMPTIO	19.3000	19.3000	19.3000	19.3000	19.3000	19.3000	19.3000
AIR COST PER BAR	.2000	.1844	.1844	.1844	.1844	.1844	.2413
O2 N2 UNIT PRICE	.0623	.0623	.0623	.0623	.0623	.0623	.0840
O2 N2 UNIT CONSUMPT	.0000	.0000	.0000	.0000	.0000	.0000	.0000
O2 N2 COST PER BAR	.0000	.0000	.0000	.0000	.0000	.0000	.0000

WATER UNIT PRICE	.6894	.5257	.5257	.5257	.5257	.5257	.5257	.6093
WATER UNIT CONSUMPT	.6882	.6882	.6882	.6882	.6882	.6882	.6882	.6882
WATER COST PER BAR	.4744	.3618	.3618	.3618	.3618	.3618	.3618	.4193
SUB TOTAL	4.8245	4.6801	4.6801	4.6801	4.6801	4.6801	4.6801	4.8541
VARIABLE COST TOTA	147.8079	146.8790	146.8790	146.8790	146.8790	146.8790	146.8790	148.1456
*<FIXED COST>**								
PRODUCTION OF BAR	427,000.0000	427,000.0000	427,000.0000	427,000.0000	427,000.0000	427,000.0000	427,000.0000	427,000.0000
TOTAL LABOR COST FO	322,805.0000	322,805.0000	322,805.0000	322,805.0000	322,805.0000	322,805.0000	322,805.0000	322,805.0000
TOTAL DEPRECIATION	1974,800.0000	1727200	1727200	1727200	1727200	1727200	1727200	1727200
TOTAL REPAIR COST F	1337,000.0000	1337000	1337000	1337000	1337000	1337000	1337000	2674000
TOTAL PRECEDING PRI	17195,690.6579	16463004	16463004	16463004	16463004	16463004	16463004	17139799
TOTAL OTHER FIXED C	1174,403.2820	1064003	1064003	1064003	1064003	1064003	1064003	1098403
FIXED COST TOTAL	51.5333	48.9790	48.9790	48.9790	48.9790	48.9790	48.9790	53.7757
GRAND TOTAL	199.3412	195.8579	195.8579	195.8579	195.8579	195.8579	195.8579	201.9212



RMP COST ACCOUNTING SHEET PHASE 2

	2001	2002	2003	2004	2005	2006	2007
*<VARIABLE COST>**							
***<RAW MATERIALS>****							
BILLET UNIT PRICE	138.6637	137.9108	137.9108	137.9108	137.9108	137.9108	138.9594
BILLET UNIT CONSUMPT	1.0310	1.0310	1.0310	1.0310	1.0310	1.0310	1.0310
BILLET COST PER ROD	142.9623	142.1860	142.1860	142.1860	142.1860	142.1860	143.2672
SUB TOTAL	142.9623	142.1860	142.1860	142.1860	142.1860	142.1860	143.2672
***<BYPRODUCT>****							
SCRAP UNIT PRICE	57.8550	57.8550	57.8550	57.8550	57.8550	57.8550	57.8550
SCRAP UNIT OPUTPUT	.0150	.0150	.0150	.0150	.0150	.0150	.0150
SCRAP MINUS COST PE	.8678	.8678	.8678	.8678	.8678	.8678	.8678
SUB TOTAL	.8678	.8678	.8678	.8678	.8678	.8678	.8678
***<UTILITY>****							
ELEC. UNIT PRICE	.0183	.0181	.0181	.0181	.0181	.0181	.0188
ELEC. UNIT CONSUMPT	131.0000	131.0000	131.0000	131.0000	131.0000	131.0000	131.0000
ELEC. COST PER ROD	2.3973	2.3728	2.3728	2.3728	2.3728	2.3728	2.4601
GAS UNIT PRICE	.0873	.0873	.0873	.0873	.0873	.0873	.0874
GAS UNIT CONSUMPTIO	31.3000	31.3000	31.3000	31.3000	31.3000	31.3000	31.3000
GAS COST PER ROD	2.7335	2.7335	2.7335	2.7335	2.7335	2.7335	2.7358
AIR UNIT PRICE	.0104	.0096	.0096	.0096	.0096	.0096	.0125
AIR UNIT CONSUMPTIO	25.0000	25.0000	25.0000	25.0000	25.0000	25.0000	25.0000
AIR COST PER ROD	.2591	.2388	.2388	.2388	.2388	.2388	.3126
O2 N2 UNIT PRICE	.0623	.0623	.0623	.0623	.0623	.0623	.0840
O2 N2 UNIT CONSUMPT	.0000	.0000	.0000	.0000	.0000	.0000	.0000
O2 N2 COST PER ROD	.0000	.0000	.0000	.0000	.0000	.0000	.0000

WATER UNIT PRICE	.6894	.5257	.5257	.5257	.5257	.5257	.5257	.5257	.6093
WATER UNIT CONSUMPT	.8000	.8000	.8000	.8000	.8000	.8000	.8000	.8000	.3000
WATER COST PER ROD	.5515	.4205	.4205	.4205	.4205	.4205	.4205	.4205	.4875
SUB TOTAL	5.9414	5.7656	5.7656	5.7656	5.7656	5.7656	5.7656	5.7656	5.9959
VARIABLE COST TOTAL	148.0359	147.0838	147.0838	147.0838	147.0838	147.0838	147.0838	147.0838	148.3952
*<FIXED COST>***									
PRODUCTION OF ROD	693,000.0000	693,000.0000	693,000.0000	693,000.0000	693,000.0000	693,000.0000	693,000.0000	693,000.0000	693,000.0000
TOTAL LABOR COST FO	331,605.0000	331,605.0000	331,605.0000	331,605.0000	331,605.0000	331,605.0000	331,605.0000	331,605.0000	331,605.0000
TOTAL DEPRECIATION	5221,000.0000	4080800	4080800	4080800	4080800	4080800	4080800	4080800	2971800
TOTAL REPAIR COST F	1808,000.0000	1808000	1808000	1808000	1808000	1808000	1808000	1808000	2928000
TOTAL PRECEDING PR27907,760.2481	26718646	26718646	26718646	26718646	26718646	26718646	26718646	26718646	27817051
TOTAL OTHER FIXED C	1174,799.7220	1064400	1064400	1064400	1064400	1064400	1064400	1064400	1098800
FIXED COST TOTAL	52,5875	49.0670	49.0670	49.0670	49.0670	49.0670	49.0670	49.0670	50.7175
GRAND TOTAL	200.6234	196.1509	196.1509	196.1509	196.1509	196.1509	196.1509	196.1509	199.1128

DRP COST ACCOUNTING SHEET PHASE 2  
 2008 2009 2010 2011

	2008	2009	2010	2011
*<VARIABLE COST>***				
***<RAW MATERIALS>****				
PELLET UNIT PRICE	34.1650	34.1650	34.1650	34.1650
PELLET UNIT CONSUMP	1.0150	1.0150	1.0150	1.0150
PELLET COST PER DRI	34.6775	34.6775	34.6775	34.6775
IRON ORE UNIT PRICE	32.2950	32.2950	32.2950	32.2950
IRON ORE UNIT CONSU	.4350	.4350	.4350	.4350
IRON ORE COST PER D	14.0483	14.0483	14.0483	14.0483
B. LIME UNIT PRICE	32.2773	32.2773	32.2773	32.2773
B. LIME UNIT CONSUM	.0007	.0007	.0007	.0007
B. LIME COST PER DR	.0226	.0226	.0226	.0226
SUB TOTAL	48.7484	48.7484	48.7484	48.7484
***<BYPRODUCT>****				
OXIDE FINE UNIT PRI	11.0000	11.0000	11.0000	11.0000
OXIDE FINE UNIT OUT	.0450	.0450	.0450	.0450
FINE MINUS COST PER	.4950	.4950	.4950	.4950
SUB TOTAL	.4950	.4950	.4950	.4950
***<UTILITY>****				
ELEC. UNIT PRICE	.0188	.0188	.0188	.0188
ELEC. UNIT CONSUMPT	110.0000	110.0000	110.0000	110.0000
ELEC. COST PER DRI	2.0657	2.0657	2.0657	2.0657
GAS UNIT PRICE	.0874	.0874	.0874	.0874
GAS UNIT CONSUMPTIO	270.0000	270.0000	270.0000	270.0000
GAS COST PER DRI	23.5991	23.5991	23.5991	23.5991

AIR UNIT PRICE	.0125	.0125	.0125	.0125	.0125
AIR UNIT CONSUMPTIO	7.0000	7.0000	7.0000	7.0000	7.0000
AIR COST PER DRI	.0875	.0875	.0875	.0875	.0875
-----					
O2 N2 UNIT PRICE	.0840	.0840	.0840	.0840	.0840
O2 N2 UNIT CONSUMPT	1.0000	1.0000	1.0000	1.0000	1.0000
O2 N2 COST PER DRI	.0840	.0840	.0840	.0840	.0840
-----					
WATER UNIT PRICE	.6093	.6093	.6093	.6093	.6093
WATER UNIT CONSUMPT	1.3000	1.3000	1.3000	1.3000	1.3000
WATER COST PER DRI	.7921	.7921	.7921	.7921	.7921
-----					
SUB TOTAL	26.6285	26.6285	26.6285	26.6285	26.6285
-----					
VARIABLE COST T	74.8819	74.8819	74.8819	74.8819	74.8819
-----					
*<FIXED COST>**					
PRODUCTION OF DRI	1327,000.0000	1327000	1327000	1327000	1327000
-----					
TOTAL LABOR COST FO	172,680.0000	172,680.0000	172,680.0000	172,680.0000	172,680.0000
-----					
TOTAL DEPRECIATION	6521,000.0000	6521000	6521000	6521000	6521000
-----					
TOTAL SPECIAL REPAI	2200,000.0000	2200000	2200000	2200000	2200000
-----					
TOTAL REPAIR COST F	7564,000.0000	7564000	7564000	7564000	7564000
-----					
TOTAL OTHER FIXED C	1090,672.7020	1090673	1090673	1090673	1090673
-----					
FIXED COST TOTA	13,2241	13,2241	13,2241	13,2241	13,2241
-----					
GRAND TOTAL	88,1060	88,1060	88,1060	88,1060	88,1060
-----					

LCP COST ACCOUNTING SHEET PHASE 2

2011

2010

2009

2008

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**<VARIABLE COST>**
**<RAW MATERIALS>****
LIME STONE UNIT PRI      12.0000      12.0000      12.0000      12.0000
LIME STONE UNIT CON      1.9800      1.9800      1.9800      1.9800
LIME STONE COST PER     23.7600     23.7600     23.7600     23.7600
SUB TOTAL                23.7600     23.7600     23.7600     23.7600
    
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***<BYPRODUCT>****
LIME FINE UNIT PRIC      2.2500      2.2500      2.2500      2.2500
LIME FINE UNIT OUTP      .2700      .2700      .2700      .2700
LIME FINE MINUS COS      .6075      .6075      .6075      .6075
SUB TOTAL                .6075      .6075      .6075      .6075
    
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***<UTILITY>****
ELEC. UNIT PRICE         .0188      .0188      .0188      .0188
ELEC. UNIT CONSUMPT      60.0000     60.0000     60.0000     60.0000
ELEC. COST PER BURN      1.1268     1.1268     1.1268     1.1268
    
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GAS UNIT PRICE           .0874      .0874      .0874      .0874
GAS UNIT CONSUMPTIO      85.0000     85.0000     85.0000     85.0000
GAS COST PER BURNT      7.4294      7.4294      7.4294      7.4294
    
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AIR UNIT PRICE           .0125      .0125      .0125      .0125
AIR UNIT CONSUMPTIO      45.0000     45.0000     45.0000     45.0000
AIR COST PER BURNT      .5626      .5626      .5626      .5626
    
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O2 N2 UNIT PRICE        .0840      .0840      .0840      .0840
O2 N2 UNIT CONSUMPT     .0000      .0000      .0000      .0000
O2 N2 COST PER BURN     .0000      .0000      .0000      .0000
    
```

WATER UNIT PRICE	.6093	.6093	.6093	.6093
WATER UNIT CONSUMPT	.0100	.0100	.0100	.0100
WATER COST PER BURN	.0061	.0061	.0061	.0061
SUB TOTAL	9.1248	9.1248	9.1248	9.1248
VARIABLE COST TOTAL	32.2773	32.2773	32.2773	32.2773
*<FIXED COST>**				
PRODUCTION OF BURNT	50,000.0000	50,000.0000	50,000.0000	50,000.0000
TOTAL LABOR COST FO	43,750.0000	43,750.0000	43,750.0000	43,750.0000
TOTAL DEPRECIATION	334,000.0000	334,000.0000	334,000.0000	334,000.0000
TOTAL SPECIAL REPAI	74,000.0000	74,000.0000	74,000.0000	74,000.0000
TOTAL REPAIR COST F	601,000.0000	601,000.0000	601,000.0000	601,000.0000
TOTAL OTHER FIXED C	1085,320.7620	1085321	1085321	1085321
FIXED COST TOTAL	42.7614	42.7614	42.7614	42.7614
GRAND TOTAL	75.0387	75.0387	75.0387	75.0387

SMP COST ACCOUNTING SHEET PHASE 2  
 2008 2009 2010 2011

	2008	2009	2010	2011
*<VARIABLE COST>**				
***<RAW MATERIALS AND SUPPLIES>****				
DRI UNIT PRICE	74.8819	74.8819	74.8819	74.8819
DRI UNIT CONSUMPTIO	1.0770	1.0770	1.0770	1.0770
DRI COST PER BILLET	80.6478	80.6478	80.6478	80.6478
SCRAP UNIT PRICE	57.8550	57.8550	57.8550	57.8550
SCRAP UNIT CONSUMPT	.1200	.1200	.1200	.1200
SCRAP COST PER BILL	6.9426	6.9426	6.9426	6.9426
BURNT LIME UNIT PRI	32.2773	32.2773	32.2773	32.2773
BURNT LIME UNIT CON	.0410	.0410	.0410	.0410
BURNT LIME COST PER	1.3234	1.3234	1.3234	1.3234
FLOURSPAR UNIT PRIC	205.9000	205.9000	205.9000	205.9000
FLOURSPAR UNIT CONS	.0020	.0020	.0020	.0020
FLOURSPAR COST PER	.4118	.4118	.4118	.4118
FE-MN UNIT PRICE	357.3600	357.3600	357.3600	357.3600
FE-MN UNIT CONSUMPT	.0140	.0140	.0140	.0140
FE-MN COST PER BILL	5.0030	5.0030	5.0030	5.0030
FE-SI UNIT PRICE	518.8050	518.8050	518.8050	518.8050
FE-SI UNIT CONSUMPT	.0049	.0049	.0049	.0049
FE-SI COST PER BILL	2.5421	2.5421	2.5421	2.5421
AL UNIT PRICE	766.5000	766.5000	766.5000	766.5000
AL UNIT CONSUMPTION	.0001	.0001	.0001	.0001
AL COST PER BILLRT	.0767	.0767	.0767	.0767
COKE BREEZE UNIT PR	97.1250	97.1250	97.1250	97.1250
COKE BREEZE UNIT CO	.0013	.0013	.0013	.0013

COKE BREEZE COST PE	.1263	.1263	.1263	.1263
-----				
ELECTRODE UNIT PRIC	2,045.8200	2,045.8200	2,045.8200	2,045.8200
ELECTRODE UNIT CONS	.0041	.0041	.0041	.0041
ELECTRODE COST PER	8.3879	8.3879	8.3879	8.3879
-----				
FETTLING MATERIALS	427.0000	427.0000	427.0000	427.0000
FETTLING MATERIALS	.0260	.0260	.0260	.0260
FETTLING MATERIALS	11.1020	11.1020	11.1020	11.1020
-----				
FURNACE BRICK UNIT	1,207.0000	1,207.0000	1,207.0000	1,207.0000
FURNACE BRICK UNIT	.0026	.0026	.0026	.0026
FURNACE BRICK COST	3.1382	3.1382	3.1382	3.1382
-----				
LADLE BRICK UNIT PR	747.0000	747.0000	747.0000	747.0000
LADLE BRICK UNIT CO	.0030	.0030	.0030	.0030
LADLE BRICK COST PE	2.2410	2.2410	2.2410	2.2410
-----				
TUNDISH BRICK UNIT	713.0000	713.0000	713.0000	713.0000
TUNDISH BRICK UNIT	.0030	.0030	.0030	.0030
TUNDISH BRICK COST	2.1390	2.1390	2.1390	2.1390
-----				
SUB TOTAL	124.0817	124.0817	124.0817	124.0817
-----				
***<BYPRODUCT>***				
SCRAP UNIT PRICE	57.8550	57.8550	57.8550	57.8550
SCRAP UNIT OUTPUT	.0164	.0164	.0164	.0164
SCRAP MINUS COST PE	.9488	.9488	.9488	.9488
-----				
SUB TOTAL	.9488	.9488	.9488	.9488
-----				
***<UTILITY>***				
ELEC. UNIT PRICE	.0188	.0188	.0188	.0188
ELEC. UNIT CONSUMPT	731.0000	731.0000	731.0000	731.0000
ELEC. COST PER BILL	13.7276	13.7276	13.7276	13.7276
-----				
GAS UNIT PRICE	.0874	.0874	.0874	.0874
GAS UNIT CONSUMPTIO	4.0500	4.0500	4.0500	4.0500



GAS COST PER BILLE	.3540	.3540	.3540	.3540
AIR UNIT PRICE	.0125	.0125	.0125	.0125
AIR UNIT CONSUMPTIO	7.8600	7.8600	7.8600	7.8600
AIR COST PER BILLET	.0983	.0983	.0983	.0983
O2 N2 UNIT PRICE	.0840	.0840	.0840	.0840
O2 N2 UNIT CONSUMPT	4.0800	4.0800	4.0800	4.0800
O2 N2 COST PER BILL	.3427	.3427	.3427	.3427
WATER UNIT PRICE	.6093	.6093	.6093	.6093
WATER UNIT CONSUMPT	2.1400	2.1400	2.1400	2.1400
WATER COST PER BILL	1.3040	1.3040	1.3040	1.3040
SUB TOTAL	15.8265	15.8265	15.8265	15.8265
VARIABLE COST TOTA	138.9594	138.9594	138.9594	138.9594
*<FIXED COST>**				
PRODUCTION OF BILLE	1231,000.0000	1231000	1231000	1231000
TOTAL LABOR COST FO	1275,230.0000	1275230	1275230	1275230
TOTAL DEPRECIATION	9621,600.0000	9621600	9621600	9621600
TOTAL REPAIR COST F	11711,000.0000	11711000	11711000	11711000
TOTAL PRECEDING PR	19686,423.4640	19686423	19686423	19686423
TOTAL OTHER FIXED C	1143,597.4420	1143597	1143597	1143597
FIXED COST TOTAL	35.2866	35.2866	35.2866	35.2866
GRAND TOTAL	174.2461	174.2461	174.2461	174.2461

BMP COST ACCOUNTING SHEET PHASE 2

2008

2009

2010

2011

```

**<VARIABLE COST>**
***<RAW MATERIALS>****
BILLET UNIT PRICE      138.9594      138.9594      138.9594      138.9594
BILLET UNIT CONSUMPT  1.0420        1.0420        1.0420        1.0420
BILLET COST PER BAR  144.7957      144.7957      144.7957      144.7957
-----
SUB TOTAL              144.7957      144.7957      144.7957      144.7957
    
```

```

***<BYPRODUCT>****
SCRAP UNIT PRICE      57.8550        57.8550        57.8550        57.8550
SCRAP UNIT OUTPUT     .0260          .0260          .0260          .0260
SCRAP MINUS COST PE  1.5042         1.5042         1.5042         1.5042
-----
SUB TOTAL              1.5042         1.5042         1.5042         1.5042
    
```

```

***<UTILITY>****
ELEC. UNIT PRICE      .0188          .0188          .0188          .0188
ELEC. UNIT CONSUMPT  86.0000       86.0000       86.0000       86.0000
ELEC. COST PER BAR   1.6150        1.6150        1.6150        1.6150
-----
GAS UNIT PRICE        .0874          .0874          .0874          .0874
GAS UNIT CONSUMPTIO  29.5000       29.5000       29.5000       29.5000
GAS COST PER BAR     2.5784        2.5784        2.5784        2.5784
-----
AIR UNIT PRICE        .0125          .0125          .0125          .0125
AIR UNIT CONSUMPTIO  19.3000       19.3000       19.3000       19.3000
AIR COST PER BAR     .2413         .2413         .2413         .2413
-----
O2 N2 UNIT PRICE     .0840          .0840          .0840          .0840
O2 N2 UNIT CONSUMPT .0000          .0000          .0000          .0000
O2 N2 COST PER BAR   .0000          .0000          .0000          .0000
    
```

WATER UNIT PRICE	.6093	.6093	.6093	.6093
WATER UNIT CONSUMPT	.6882	.6882	.6882	.6882
WATER COST PER BAR	.4193	.4193	.4193	.4193
SUB TOTAL	4.8541	4.8541	4.8541	4.8541
VARIABLE COST TOTA	148.1456	148.1456	148.1456	148.1456
*<FIXED COST>**				
PRODUCTION OF BAR	427,000.0000	427,000.0000	427,000.0000	427,000.0000
TOTAL LABOR COST FO	322,805.0000	322,805.0000	322,805.0000	322,805.0000
TOTAL DEPRECIATION	1727,200.0000	1727200	1727200	1727200
TOTAL REPAIR COST F	2674,000.0000	2674000	2674000	2674000
TOTAL PRECEEDING PR	16560,680.6579	16560681	16560681	16560681
TOTAL OTHER FIXED C	1098,403.2820	1098403	1098403	1098403
FIXED COST TOTAL	52.4194	52.4194	52.4194	52.4194
GRAND TOTAL	200.5650	200.5650	200.5650	200.5650

RMP COST ACCOUNTING SHEET PHASE 2

2008

2009

2010

2011

\*<VARIABLE COST>\*\*  
 \*\*\*<RAW MATERIALS>\*\*\*\*

BILLET UNIT PRICE	138.9594	138.9594	138.9594	138.9594
BILLET UNIT CONSUMP	1.0310	1.0310	1.0310	1.0310
BILLET COST PER ROD	143.2672	143.2672	143.2672	143.2672
SUB TOTAL	143.2672	143.2672	143.2672	143.2672

\*\*\*<BYPRODUCT>\*\*\*

SCRAP UNIT PRICE	57.8550	57.8550	57.8550	57.8550
SCRAP UNIT OUPUT	.0150	.0150	.0150	.0150
SCRAP MINUS COST PE	.8678	.8678	.8678	.8678
SUB TOTAL	.8678	.8678	.8678	.8678

\*\*\*<UTILITY>\*\*\*

ELEC. UNIT PRICE	.0188	.0188	.0188	.0188
ELEC. UNIT CONSUMPT	131.0000	131.0000	131.0000	131.0000
ELEC. COST PER ROD	2.4601	2.4601	2.4601	2.4601

GAS UNIT PRICE  
 GAS UNIT CONSUMPTIO  
 GAS COST PER ROD

GAS UNIT PRICE	.0874	.0874	.0874	.0874
GAS UNIT CONSUMPTIO	31.3000	31.3000	31.3000	31.3000
GAS COST PER ROD	2.7358	2.7358	2.7358	2.7358

AIR UNIT PRICE  
 AIR UNIT CONSUMPTIO  
 AIR COST PER ROD

AIR UNIT PRICE	.0125	.0125	.0125	.0125
AIR UNIT CONSUMPTIO	25.0000	25.0000	25.0000	25.0000
AIR COST PER ROD	.3126	.3126	.3126	.3126

O2 N2 UNIT PRICE  
 O2 N2 UNIT CONSUMPT  
 O2 N2 COST PER ROD

O2 N2 UNIT PRICE	.0840	.0840	.0840	.0840
O2 N2 UNIT CONSUMPT	.0000	.0000	.0000	.0000
O2 N2 COST PER ROD	.0000	.0000	.0000	.0000

WATER UNIT PRICE	.6093	.6093	.6093	.6093
WATER UNIT CONSUMPT	.8000	.8000	.8000	.8000
WATER COST PER ROD	.4875	.4875	.4875	.4875
-----				
SUB TOTAL	5.9959	5.9959	5.9959	5.9959
-----				
VARIABLE COST TOTA	148.3952	148.3952	148.3952	148.3952
-----				
*<FIXED COST>**				
PRODUCTION OF ROD	693,000.0000	693,000.0000	693,000.0000	693,000.0000
-----				
TOTAL LABOR COST FO	331,605.0000	331,605.0000	331,605.0000	331,605.0000
-----				
TOTAL DEPRECIATION	2971,800.0000	2971800	2971800	2971800
-----				
TOTAL REPAIR COST F	2928,000.0000	2928000	2928000	2928000
-----				
TOTAL PRECEDING PR	26877,170.2481	26877170	26877170	26877170
-----				
TOTAL OTHER FIXED C	1098,799.7220	1098800	1098800	1098800
-----				
FIXED COST TOTA	49.3613	49.3613	49.3613	49.3613
-----				
GRAND TOTAL	197.7565	197.7565	197.7565	197.7565
-----				

INPUT: QUIT  
 SAVE UPDATED M&R FILE EGYPT2 (YES OR NO)  
 INPUT: YES

MODELS AND REPORTS SAVED ON FILE EGYPT2

Table 9-19 Manufacturing Cost (Case II: With Expansion)

DRP COST ACCOUNTING SHEET PHASE 2							
	1987	1988	1989	1990	1991	1992	1993
*<VARIABLE COST>**							
***<RAW MATERIALS>***							
PELLET UNIT PRICE	34.1650	34.1650	34.1650	34.1650	34.1650	34.1650	34.1650
PELLET UNIT CONSUMP	1.0150	1.0150	1.0150	1.0150	1.0150	1.0150	1.0150
PELLET COST PER DRI	34.6775	34.6775	34.6775	34.6775	34.6775	34.6775	34.6775
IRON ORE UNIT PRICE	32.2950	32.2950	32.2950	32.2950	32.2950	32.2950	32.2950
IRON ORE UNIT CONSU	.4350	.4350	.4350	.4350	.4350	.4350	.4350
IRON ORE COST PER D	14.0483	14.0483	14.0483	14.0483	14.0483	14.0483	14.0483
B. LIME UNIT PRICE	32.2049	31.4870	31.4148	31.4132	31.4132	30.4782	29.9548
B. LIME UNIT CONSUM	.0007	.0007	.0007	.0007	.0007	.0007	.0007
B. LIME COST PER DR	.0225	.0220	.0220	.0220	.0220	.0213	.0210
SUB TOTAL	48.7483	48.7478	48.7478	48.7478	48.7478	48.7471	48.7468
***<BYPRODUCT>***							
OXIDE FINE UNIT PRI	11.0000	11.0000	11.0000	11.0000	11.0000	11.0000	11.0000
OXIDE FINE UNIT OUT	.0450	.0450	.0450	.0450	.0450	.0450	.0450
FINE MINUS COST PER	.4950	.4950	.4950	.4950	.4950	.4950	.4950
SUB TOTAL	.4950	.4950	.4950	.4950	.4950	.4950	.4950
***<UTILITY>***							
ELEC. UNIT PRICE	.0219	.0209	.0207	.0207	.0207	.0199	.0194
ELEC. UNIT CONSUMPT	110.0000	110.0000	110.0000	110.0000	110.0000	110.0000	110.0000
ELEC. COST PER DRI	2.4040	2.2935	2.2787	2.2786	2.2786	2.1883	2.1353
GAS UNIT PRICE	.0585	.0584	.0584	.0584	.0584	.0582	.0581
GAS UNIT CONSUMPTIO	270.0000	270.0000	270.0000	270.0000	270.0000	270.0000	270.0000
GAS COST PER DRI	15.8082	15.7779	15.7768	15.7768	15.7768	15.7143	15.6959
AIR UNIT PRICE	.0277	.0202	.0194	.0194	.0194	.0167	.0153
AIR UNIT CONSUMPTIO	7.0000	7.0000	7.0000	7.0000	7.0000	7.0000	7.0000
AIR COST PER DRI	.1939	.1411	.1359	.1358	.1358	.1170	.1070
O2 N2 UNIT PRICE	.1854	.1570	.1534	.1534	.1534	.1131	.0985
O2 N2 UNIT CONSUMPT	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
O2 N2 COST PER DRI	.1854	.1570	.1534	.1534	.1534	.1131	.0985
WATER UNIT PRICE	.7893	.6841	.6728	.6728	.6728	.9457	.8291
WATER UNIT CONSUMPT	1.3000	1.3000	1.3000	1.3000	1.3000	1.3000	1.3000
WATER COST PER DRI	1.0261	.8893	.8746	.8746	.8746	1.2294	1.0779
SUB TOTAL	19.6175	19.2588	19.2194	19.2192	19.2192	19.3620	19.1146
VARIABLE COST T	67.8709	67.5117	67.4722	67.4720	67.4720	67.6142	67.3664
*<FIXED COST>**							

PRODUCTION OF DRY	845,000.0000	716,000.0000	716,000.0000	716,000.0000	716,000.0000	716,000.0000	1119000	1327000
TOTAL LABOR COST FO	106,266.6667	79,700.0000	79,700.0000	79,700.0000	79,700.0000	79,700.0000	172,680.0000	172,680.0000
TOTAL DEPRECIATION	768,000.0000	5743500	5743500	5743500	5743500	5743500	11173500	12984500
TOTAL SPECIAL REPAIR	2000,000.0000	1500000	1500000	1500000	1500000	1500000	2200000	2200000
TOTAL REPAIR COST F	3444,000.0000	2583000	2583000	2583000	2583000	2583000	4980000	4980000
TOTAL OTHER FIXED C	1210,385.2624	910,538.8580	910,538.8580	910,538.8580	910,538.8580	910,538.8580	1225773	1225773
FIXED COST TOTAL	17,0635	15,1072	15,1072	15,1072	15,1072	15,1072	17,6514	16,2494
GRAND TOTAL	84,9344	82,6189	82,5794	82,5791	82,5791	82,5791	85,2656	83,6158

LCP COST ACCOUNTING SHEET PHASE 2

	1987	1988	1989	1990	1991	1992	1993
*<VARIABLE COST>***							
***<RAW MATERIALS>***							
LIME STONE UNIT PRI	12.0000	12.0000	12.0000	12.0000	12.0000	12.0000	12.0000
LIME STONE UNIT CON	1.9800	1.9800	1.9800	1.9800	1.9800	1.9800	1.9800
LIME STONE COST PER	23.7600	23.7600	23.7600	23.7600	23.7600	23.7600	23.7600
SUB TOTAL	23.7600	23.7600	23.7600	23.7600	23.7600	23.7600	23.7600
***<BYPRODUCT>***							
LIME FINE UNIT PRIC	2.2500	2.2500	2.2500	2.2500	2.2500	2.2500	2.2500
LIME FINE UNIT OUTP	.2700	.2700	.2700	.2700	.2700	.2700	.2700
LIME FINE MINUS COS	.6075	.6075	.6075	.6075	.6075	.6075	.6075
SUB TOTAL	.6075	.6075	.6075	.6075	.6075	.6075	.6075
***<UTILITY>***							
ELEC. UNIT PRICE	.0219	.0209	.0207	.0207	.0207	.0199	.0194
ELEC. UNIT CONSUMPT	65.0000	65.0000	65.0000	65.0000	65.0000	62.0000	60.0000
ELEC. COST PER BURNT	1.4205	1.3553	1.3465	1.3465	1.3465	1.2334	1.1647
GAS UNIT PRICE	.0585	.0584	.0584	.0584	.0584	.0582	.0581
GAS UNIT CONSUMPTIO	90.0000	90.0000	90.0000	90.0000	90.0000	87.0000	85.0000
GAS COST PER BURNT	5.2694	5.2593	5.2589	5.2589	5.2589	5.0635	4.9413
AIR UNIT PRICE	.0277	.0202	.0194	.0194	.0194	.0167	.0153
AIR UNIT CONSUMPTIO	85.0000	85.0000	85.0000	85.0000	85.0000	61.0000	45.0000
AIR COST PER BURNT	2.3546	1.7131	1.6501	1.6486	1.6486	1.0193	.6880
O2 N2 UNIT PRICE	.1854	.1570	.1534	.1534	.1534	.1131	.0985
O2 N2 UNIT CONSUMPT	.0000	.0000	.0000	.0000	.0000	.0000	.0000
O2 N2 COST PER BURNT	.0000	.0000	.0000	.0000	.0000	.0000	.0000
WATER UNIT PRICE	.7893	.6841	.6728	.6728	.6728	.9457	.8291
WATER UNIT CONSUMPT	.0100	.0100	.0100	.0100	.0100	.0100	.0100
WATER COST PER BURNT	.0079	.0068	.0067	.0067	.0067	.0095	.0083
SUB TOTAL	9.0524	8.3345	8.2623	8.2607	8.2607	7.3257	6.8023
VARIABLE COST TOTAL	32.2049	31.4870	31.4148	31.4132	31.4132	30.4782	29.9548
*<FIXED COST>***							
PRODUCTION OF BURNT	37,000.0000	33,000.0000	34,000.0000	34,000.0000	34,000.0000	44,000.0000	50,000.0000
TOTAL LABOR COST FO	54,320.0000	40,740.0000	40,740.0000	40,740.0000	40,740.0000	43,750.0000	43,750.0000
TOTAL DEPRECIATION	891,700.0000	668,800.0000	668,800.0000	668,800.0000	668,800.0000	668,800.0000	668,800.0000
TOTAL SPECIAL REPAI	80,000.0000	60,000.0000	60,000.0000	60,000.0000	60,000.0000	74,000.0000	74,000.0000



TOTAL REPAIR COST F	400,000.0000	300,000.0000	300,000.0000	300,000.0000	300,000.0000	300,000.0000	300,000.0000	300,000.0000	300,000.0000
TOTAL OTHER FIXED C	1208,051.2300	908,788.3280	908,788.3280	908,788.3280	908,788.3280	908,788.3280	908,788.3280	908,788.3280	1220421
FIXED COST TOTAL	71.1911	59.9493	58.1861	58.1861	58.1861	58.1861	58.1861	58.1861	46.1394
GRAND TOTAL	103.5960	91.4363	89.6009	89.5993	89.5993	89.5993	89.5993	82.9093	76.0942

SMP COST ACCOUNTING SHEET PHASE 2

	1987	1988	1989	1990	1991	1992	1993
* <b>&lt;VARIABLE COST&gt;*</b>							
<b>***GRAN MATERIALS AND SUPPLIES***</b>							
DRI UNIT PRICE	67.8709	67.5117	67.4722	67.4720	67.4720	67.6142	67.3664
DRI UNIT CONSUMPTIO	.9470	.8970	.8720	.8720	.8720	1.0330	1.0770
DRI COST PER BILLET	64.2737	60.5580	58.8358	58.8356	58.8356	69.8454	72.5536
SCRAP UNIT PRICE	57.8550	57.8550	57.8550	57.8550	57.8550	57.8550	57.8550
SCRAP UNIT CONSUMPT	.2370	.2810	.3040	.3040	.3040	.1590	.1200
SCRAP COST PER BILL	13.7116	16.2573	17.5879	17.5879	17.5879	9.1989	6.9426
BURNT LIME UNIT PRI	32.2049	31.4870	31.4148	31.4132	31.4132	30.4782	29.9548
BURNT LIME UNIT CON	.0410	.0410	.0410	.0410	.0410	.0410	.0410
BURNT LIME COST PER	1.3204	1.2910	1.2880	1.2879	1.2879	1.2496	1.2281
FLOURSPAR UNIT PRIC	205.9000	205.9000	205.9000	205.9000	205.9000	205.9000	205.9000
FLOURSPAR UNIT CONS	.0020	.0020	.0020	.0020	.0020	.0020	.0020
FLOURSPAR COST PER	.4118	.4118	.4118	.4118	.4118	.4118	.4118
FE-MN UNIT PRICE	357.3600	357.3600	357.3600	357.3600	357.3600	357.3600	357.3600
FE-MN UNIT CONSUMPT	.0140	.0140	.0140	.0140	.0140	.0140	.0140
FE-MN COST PER BILL	5.0030	5.0030	5.0030	5.0030	5.0030	5.0030	5.0030
FE-SI UNIT PRICE	518.8050	518.8050	518.8050	518.8050	518.8050	518.8050	518.8050
FE-SI UNIT CONSUMPT	.0049	.0049	.0049	.0049	.0049	.0049	.0049
FE-SI COST PER BILL	2.5421	2.5421	2.5421	2.5421	2.5421	2.5421	2.5421
AL UNIT PRICE	766.5000	766.5000	766.5000	766.5000	766.5000	766.5000	766.5000
AL UNIT CONSUMPTION	.0001	.0001	.0001	.0001	.0001	.0001	.0001
AL COST PER BILLRT	.0767	.0767	.0767	.0767	.0767	.0767	.0767
COKE BREEZE UNIT PR	97.1250	97.1250	97.1250	97.1250	97.1250	97.1250	97.1250
COKE BREEZE UNIT CO	.0013	.0013	.0013	.0013	.0013	.0013	.0013
COKE BREEZE COST PE	.1263	.1263	.1263	.1263	.1263	.1263	.1263
ELECTRODE UNIT PRIC	2,045.8200	2,045.8200	2,045.8200	2,045.8200	2,045.8200	2,045.8200	2,045.8200
ELECTRODE UNIT CONS	.0041	.0041	.0041	.0041	.0041	.0041	.0041
ELECTRODE COST PER	8.3879	8.3879	8.3879	8.3879	8.3879	8.3879	8.3879
FETTLING MATERIALS	427.0000	427.0000	427.0000	427.0000	427.0000	427.0000	427.0000
FETTLING MATERIALS	.0260	.0260	.0260	.0260	.0260	.0260	.0260
FETTLING MATERIALS	11.1020	11.1020	11.1020	11.1020	11.1020	11.1020	11.1020
FURNACE BRICK UNIT	1,207.0000	1,207.0000	1,207.0000	1,207.0000	1,207.0000	1,207.0000	1,207.0000
FURNACE BRICK UNIT	.0026	.0026	.0026	.0026	.0026	.0026	.0026
FURNACE BRICK COST	3.1382	3.1382	3.1382	3.1382	3.1382	3.1382	3.1382
LADLE BRICK UNIT PR	747.0000	747.0000	747.0000	747.0000	747.0000	747.0000	747.0000
LADLE BRICK UNIT CO	.0030	.0030	.0030	.0030	.0030	.0030	.0030
LADLE BRICK COST PE	2.2410	2.2410	2.2410	2.2410	2.2410	2.2410	2.2410

TUNDISH BRICK UNIT	713.0000	713.0000	713.0000	713.0000	713.0000	713.0000	713.0000	713.0000	713.0000
TUNDISH BRICK UNIT	.0030	.0030	.0030	.0030	.0030	.0030	.0030	.0030	.0030
TUNDISH BRICK COST	2.1390	2.1390	2.1390	2.1390	2.1390	2.1390	2.1390	2.1390	2.1390
SUB TOTAL	114.4737	113.2742	112.8797	112.8794	112.8794	112.8794	115.4619	115.8923	
***<BYPRODUCT>***									
SCRAP UNIT PRICE	57.8550	57.8550	57.8550	57.8550	57.8550	57.8550	57.8550	57.8550	57.8550
SCRAP UNIT OUTPUT	.0164	.0164	.0164	.0164	.0164	.0164	.0164	.0164	.0164
SCRAP MINUS COST PE	.9488	.9488	.9488	.9488	.9488	.9488	.9488	.9488	.9488
SUB TOTAL	.9488	.9488	.9488	.9488	.9488	.9488	.9488	.9488	.9488
***<UTILITY>***									
ELEC. UNIT PRICE	.0219	.0209	.0207	.0207	.0207	.0207	.0207	.0207	.0194
ELEC. UNIT CONSUMPT	718.0000	708.0000	708.0000	708.0000	708.0000	708.0000	708.0000	731.0000	731.0000
ELEC. COST PER BILLE	15.6912	14.7621	14.6667	14.6660	14.6660	14.6660	14.5421	14.1900	14.1900
GAS UNIT PRICE	.0585	.0584	.0584	.0584	.0584	.0584	.0582	.0581	.0581
GAS UNIT CONSUMPTIO	4.0500	4.0500	4.0500	4.0500	4.0500	4.0500	4.0500	4.0500	4.0500
GAS COST PER BILLE	.2371	.2367	.2367	.2367	.2367	.2367	.2357	.2354	.2354
AIR UNIT PRICE	.0277	.0202	.0194	.0194	.0194	.0194	.0167	.0153	.0153
AIR UNIT CONSUMPTIO	7.8600	7.8600	7.8600	7.8600	7.8600	7.8600	7.8600	7.8600	7.8600
AIR COST PER BILLE	.2177	.1584	.1526	.1524	.1524	.1524	.1313	.1202	.1202
O2 N2 UNIT PRICE	.1854	.1570	.1534	.1534	.1534	.1534	.1131	.0985	.0985
O2 N2 UNIT CONSUMPT	4.0800	4.0800	4.0800	4.0800	4.0800	4.0800	4.0800	4.0800	4.0800
O2 N2 COST PER BILLE	.7566	.6407	.6259	.6259	.6259	.6259	.4613	.4020	.4020
WATER UNIT PRICE	.7893	.6841	.6728	.6728	.6728	.6728	.9457	.8291	.8291
WATER UNIT CONSUMPT	2.1400	2.1400	2.1400	2.1400	2.1400	2.1400	2.1400	2.1400	2.1400
WATER COST PER BILLE	1.6890	1.4639	1.4397	1.4397	1.4397	1.4397	2.0237	1.7744	1.7744
SUB TOTAL	18.5917	17.2618	17.1215	17.1207	17.1207	17.1207	17.3942	16.7220	16.7220
VARIABLE COST TOTA	132.1166	129.5871	129.0524	129.0513	129.0513	129.0513	131.9073	131.6655	131.6655
*<FIXED COST>*									
PRODUCTION OF BILLE	892,000.0000	798,000.0000	821,000.0000	821,000.0000	821,000.0000	821,000.0000	821,000.0000	1082000	1231000
TOTAL LABOR COST FO	1088,506.6667	816,380.0000	816,380.0000	816,380.0000	816,380.0000	816,380.0000	816,380.0000	1275230	1275230
TOTAL DEPRECIATION	14128,500.0000	10596400	10596400	10596400	10596400	10596400	17159400	18471400	18471400
TOTAL REPAIR COST F	6111,000.0000	4583000	4583000	4583000	4583000	4583000	7127000	7127000	7127000
TOTAL PRECEEDING PRI	7052,723.1591	12795067	12795067	12795067	12795067	12795067	22058923	23869923	23869923
TOTAL OTHER FIXED C	1261,328.0550	948,746.0780	948,746.0780	948,746.0780	948,746.0780	948,746.0780	1278697	1278697	1278697
FIXED COST TOTAL	44,4418	37.2677	36.2236	36.2236	36.2236	36.2236	45.1934	42.2602	42.2602
GRAND TOTAL	176.5584	166.8548	165.2760	165.2749	165.2749	165.2749	177.1007	175.9257	175.9257

BMP COST ACCOUNTING SHEET PHASE 2

	1987	1988	1989	1990	1991	1992	1993
*<VARIABLE COST>***							
***<RAW MATERIALS>***							
BILLET UNIT PRICE	132.1166	129.5871	129.0524	129.0513	129.0513	131.9073	131.6655
BILLET UNIT CONSUMPT	1.0420	1.0420	1.0420	1.0420	1.0420	1.0420	1.0420
BILLET COST PER BAR	137.6655	135.0298	134.4726	134.4714	134.4714	137.4474	137.1955
SUB TOTAL	137.6655	135.0298	134.4726	134.4714	134.4714	137.4474	137.1955
***<BYPRODUCT>***							
SCRAP UNIT PRICE	57.8550	57.8550	57.8550	57.8550	57.8550	57.8550	57.8550
SCRAP UNIT OUTPUT	.0260	.0260	.0260	.0260	.0260	.0260	.0260
SCRAP MINUS COST PE	1.5042	1.5042	1.5042	1.5042	1.5042	1.5042	1.5042
SUB TOTAL	1.5042	1.5042	1.5042	1.5042	1.5042	1.5042	1.5042
***<UTILITY>***							
ELEC. UNIT PRICE	.0219	.0209	.0207	.0207	.0207	.0199	.0194
ELEC. UNIT CONSUMPT	86.0000	86.0000	86.0000	86.0000	86.0000	86.0000	86.0000
ELEC. COST PER BAR	1.8795	1.7931	1.7815	1.7815	1.7815	1.7108	1.6694
GAS UNIT PRICE	.0585	.0584	.0584	.0584	.0584	.0582	.0581
GAS UNIT CONSUMPTIO	29.5000	29.5000	29.5000	29.5000	29.5000	29.5000	29.5000
GAS COST PER BAR	1.7272	1.7239	1.7238	1.7238	1.7238	1.7169	1.7149
AIR UNIT PRICE	.0277	.0202	.0194	.0194	.0194	.0167	.0153
AIR UNIT CONSUMPTIO	19.3000	19.3000	19.3000	19.3000	19.3000	19.3000	19.3000
AIR COST PER BAR	.5346	.3890	.3747	.3743	.3743	.5225	.2951
O2 N2 UNIT PRICE	.1854	.1570	.1534	.1534	.1534	.1131	.0985
O2 N2 UNIT CONSUMPT	.0000	.0000	.0000	.0000	.0000	.0000	.0000
O2 N2 COST PER BAR	.0000	.0000	.0000	.0000	.0000	.0000	.0000
WATER UNIT PRICE	.7893	.6841	.6728	.6728	.6728	.9457	.8291
WATER UNIT CONSUMPT	.6882	.6882	.6882	.6882	.6882	.6882	.6882
WATER COST PER BAR	.5432	.4708	.4630	.4630	.4630	.6508	.5706
SUB TOTAL	4.6844	4.3768	4.3430	4.3425	4.3425	4.4011	4.2500
VARIABLE COST TOTA	140.8457	137.9023	137.3113	137.3097	137.3097	140.3443	139.9413
*<FIXED COST>***							
PRODUCTION OF BAR	446,000.0000	418,000.0000	425,000.0000	425,000.0000	425,000.0000	427,000.0000	427,000.0000
TOTAL LABOR COST FO	394,220.0000	295,665.0000	295,665.0000	295,665.0000	295,665.0000	322,805.0000	322,805.0000
TOTAL DEPRECIATION	4298,500.0000	3223900	3223900	3223900	3223900	3223900	3223900
TOTAL REPAIR COST F	1783,000.0000	1337000	1337000	1337000	1337000	1337000	1337000

TOTAL PRECEDING PR28333,906.7545	17484037	16983343	16965540	16965540	20921824	19833483
TOTAL OTHER FIXED C 1225,404.2530	921,803.1380	921,803.1380	921,803.1380	921,803.1380	1233503	1233503
FIXED COST TOTAL	80.7960	53.5687	53.5151	53.5151	63.3233	60.7745
GRAND TOTAL	221.6417	190.8800	190.8248	190.8248	203.6675	200.7157

RMP COST ACCOUNTING SHEET PHASE 2

	1987	1988	1989	1990	1991	1992	1993
*<VARIABLE COST>**							
***<RAW MATERIALS>***							
BILLET UNIT PRICE	132.1166	129.5871	129.0524	129.0513	129.0513	131.9073	131.6655
BILLET UNIT CONSUMP	1.0310	1.0310	1.0310	1.0310	1.0310	1.0310	1.0310
BILLET COST PER ROD	136.2122	133.6043	133.0530	133.0518	133.0518	135.9964	135.7471
SUB TOTAL	136.2122	133.6043	133.0530	133.0518	133.0518	135.9964	135.7471
***<BYPRODUCT>***							
SCRAP UNIT PRICE	57.8550	57.8550	57.8550	57.8550	57.8550	57.8550	57.8550
SCRAP UNIT OUTPUT	.0160	.0160	.0160	.0160	.0160	.0150	.0150
SCRAP MINUS COST PE	.9257	.9257	.9257	.9257	.9257	.8678	.8678
SUB TOTAL	.9257	.9257	.9257	.9257	.9257	.8678	.8678
***<UTILITY>***							
ELEC. UNIT PRICE	.0219	.0209	.0207	.0207	.0207	.0199	.0194
ELEC. UNIT CONSUMPT	144.0000	144.0000	144.0000	144.0000	144.0000	135.0000	131.0000
ELEC. COST PER ROD	3.1470	3.0025	2.9831	2.9829	2.9829	2.6856	2.5429
GAS UNIT PRICE	.0585	.0584	.0584	.0584	.0584	.0582	.0581
GAS UNIT CONSUMPTIO	32.5000	32.5000	32.5000	32.5000	32.5000	31.7000	31.3000
GAS COST PER ROD	1.9028	1.8992	1.8991	1.8991	1.8991	1.8450	1.8196
AIR UNIT PRICE	.0277	.0202	.0194	.0194	.0194	.0167	.0153
AIR UNIT CONSUMPTIO	30.0000	30.0000	30.0000	30.0000	30.0000	27.0000	25.0000
AIR COST PER ROD	.8310	.6046	.5824	.5818	.5818	.4512	.3822
O2 N2 UNIT PRICE	.1854	.1570	.1534	.1534	.1534	.1131	.0985
O2 N2 UNIT CONSUMPT	.0000	.0000	.0000	.0000	.0000	.0000	.0000
O2 N2 COST PER ROD	.0000	.0000	.0000	.0000	.0000	.0000	.0000
MATER UNIT PRICE	.7893	.6841	.6728	.6728	.6728	.9457	.8291
MATER UNIT CONSUMPT	.8545	.8545	.8545	.8545	.8545	.8182	.8000
MATER COST PER ROD	.6745	.5846	.5749	.5749	.5749	.7737	.6633
SUB TOTAL	6.5553	6.0908	6.0394	6.0387	6.0387	5.7555	5.4080
VARIABLE COST TOTA	141.8419	138.7695	138.1667	138.1649	138.1649	140.8841	140.2873
*<FIXED COST>**							
PRODUCTION OF ROD	176,000.0000	293,000.0000	319,000.0000	320,000.0000	320,000.0000	571,000.0000	693,000.0000
TOTAL LABOR COST FO	363,713.3333	272,785.0000	272,785.0000	272,785.0000	272,785.0000	331,605.0000	331,605.0000
TOTAL DEPRECIATION	3182,200.0000	2937400	2937400	2937400	2937400	5325400	5324400
TOTAL REPAIR COST F	1493,000.0000	1120000	1120000	1120000	1120000	1808000	1898000

TOTAL PRECEEDING PRI1308,151.1262	12255557	12751250	12774053	12774053	27977427	32186768
TOTAL OTHER FIXED C 1223,882.0580	920,661.4880	920,661.4880	920,661.4880	920,661.4880	1233900	1233900
FIXED COST TOTAL	98,7132	56,4329	56,3278	56,3278	64,2318	58,9995
GRAND TOTAL	240,5550	194,5996	194,4927	194,4927	205,1158	199,2869

DRP COST ACCOUNTING SHEET PHASE 2

	1994	1995	1996	1997	1998	1999	2000
*<VARIABLE COST>**							
***<RAW MATERIALS>***							
PELLET UNIT PRICE	34.1650	34.1650	34.1650	34.1650	34.1650	34.1650	34.1650
PELLET UNIT CONSUMP	1.0150	1.0150	1.0150	1.0150	1.0150	1.0150	1.0150
PELLET COST PER DRI	34.6775	34.6775	34.6775	34.6775	34.6775	34.6775	34.6775
IRON ORE UNIT PRICE	32.2950	32.2950	32.2950	32.2950	32.2950	32.2950	32.2950
IRON ORE UNIT CONSU	.4350	.4350	.4350	.4350	.4350	.4350	.4350
IRON ORE COST PER D	14.0483	14.0483	14.0483	14.0483	14.0483	14.0483	14.0483
B. LIME UNIT PRICE	29.6548	29.6547	29.6637	29.6548	29.6548	29.6548	29.6548
B. LIME UNIT CONSUM	.0007	.0007	.0007	.0007	.0007	.0007	.0007
B. LIME COST PER DR	.0210	.0210	.0208	.0208	.0208	.0208	.0208
SUB TOTAL	48.7468	48.7468	48.7466	48.7466	48.7466	48.7466	48.7466
***<BYPRODUCT>***							
OXIDE FINE UNIT PRI	11.0000	11.0000	11.0000	11.0000	11.0000	11.0000	11.0000
OXIDE FINE UNIT OUT	.0450	.0450	.0450	.0450	.0450	.0450	.0450
FINE MINUS COST PER	.4950	.4950	.4950	.4950	.4950	.4950	.4950
SUB TOTAL	.4950	.4950	.4950	.4950	.4950	.4950	.4950
***<UTILITY>***							
ELEC. UNIT PRICE	.0194	.0194	.0184	.0183	.0183	.0183	.0183
ELEC. UNIT CONSUMPT	110.0000	110.0000	110.0000	110.0000	110.0000	110.0000	110.0000
ELEC. COST PER DRI	2.1553	2.1353	2.0293	2.0130	2.0130	2.0130	2.0130
GAS UNIT PRICE	.0581	.0581	.0580	.0580	.0580	.0580	.0580
GAS UNIT CONSUMPTIO	270.0000	270.0000	270.0000	270.0000	270.0000	270.0000	270.0000
GAS COST PER DRI	15.6959	15.6959	15.6633	15.6633	15.6633	15.6633	15.6633
AIR UNIT PRICE	.0153	.0153	.0104	.0104	.0104	.0104	.0104
AIR UNIT CONSUMPTIO	7.0000	7.0000	7.0000	7.0000	7.0000	7.0000	7.0000
AIR COST PER DRI	.1070	.1070	.0726	.0726	.0726	.0726	.0726
O2 N2 UNIT PRICE	.0985	.0985	.0623	.0623	.0623	.0623	.0623
O2 N2 UNIT CONSUMPT	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
O2 N2 COST PER DRI	.0985	.0985	.0623	.0623	.0623	.0623	.0623
WATER UNIT PRICE	.8291	.8249	.6894	.6894	.6894	.6894	.6894
WATER UNIT CONSUMPT	1.3000	1.3000	1.3000	1.3000	1.3000	1.3000	1.3000
WATER COST PER DRI	1.0779	1.0724	.8962	.8962	.8962	.8962	.8962
SUB TOTAL	19.1146	19.1091	18.7236	18.7072	18.7072	18.7072	18.7072
VARIABLE COST T	67.3664	67.3609	66.9751	66.9588	66.9588	66.9588	66.9588
*<FIXED COST>**							



PRODUCTION OF DRI	1327,000.0000	1327000	1327000	1327000	1327000	1327000	1327000
TOTAL LABOR COST FO	172,680.0000	172,680.0000	172,680.0000	172,680.0000	172,680.0000	172,680.0000	172,680.0000
TOTAL DEPRECIATION	12984,500.0000	12984500	12983000	12981500	12981500	12981500	12981500
TOTAL SPECIAL REPAIR	2200,000.0000	2200000	2200000	2200000	2200000	2200000	2200000
TOTAL REPAIR COST F	4980,000.0000	4980000	4980000	4980000	4980000	4980000	4980000
TOTAL OTHER FIXED C	1225,772.7020	1225773	1166693	1166673	1166673	1166673	1166673
FIXED COST TOTAL	16,2494	16,2494	16,2037	16,2026	16,2026	16,2026	16,2026
GRAND TOTAL	83,6158	83,6103	83,1789	83,1614	83,1614	83,1614	83,1614

LCP COST ACCOUNTING SHEET PHASE 2

	1994	1995	1996	1997	1998	1999	2000
*<VARIABLE COST>***							
***<RAW MATERIALS>***							
LIME STONE UNIT PRI	12.0000	12.0000	12.0000	12.0000	12.0000	12.0000	12.0000
LIME STONE UNIT CON	1.9800	1.9800	1.9800	1.9800	1.9800	1.9800	1.9800
LIME STONE COST PER	23.7600	23.7600	23.7600	23.7600	23.7600	23.7600	23.7600
SUB TOTAL	23.7600	23.7600	23.7600	23.7600	23.7600	23.7600	23.7600
***<BYPRODUCT>***							
LIME FINE UNIT PRIC	2.2500	2.2500	2.2500	2.2500	2.2500	2.2500	2.2500
LIME FINE UNIT OUTP	.2700	.2700	.2700	.2700	.2700	.2700	.2700
LIME FINE MINUS COS	.6075	.6075	.6075	.6075	.6075	.6075	.6075
SUB TOTAL	.6075	.6075	.6075	.6075	.6075	.6075	.6075
***<UTILITY>***							
ELEC. UNIT PRICE	.0194	.0194	.0184	.0183	.0183	.0183	.0183
ELEC. UNIT CONSUMPT	60.0000	60.0000	60.0000	60.0000	60.0000	60.0000	60.0000
ELEC. COST PER BURN	1.1647	1.1647	1.1069	1.0980	1.0980	1.0980	1.0980
GAS UNIT PRICE	.0581	.0581	.0580	.0580	.0580	.0580	.0580
GAS UNIT CONSUMPTIO	85.0000	85.0000	85.0000	85.0000	85.0000	85.0000	85.0000
GAS COST PER BURNT	4.9413	4.9413	4.9310	4.9310	4.9310	4.9310	4.9310
AIR UNIT PRICE	.0153	.0153	.0104	.0104	.0104	.0104	.0104
AIR UNIT CONSUMPTIO	45.0000	45.0000	45.0000	45.0000	45.0000	45.0000	45.0000
AIR COST PER BURNT	.6880	.6880	.4664	.4664	.4664	.4664	.4664
O2 N2 UNIT PRICE	.0985	.0985	.0623	.0623	.0623	.0623	.0623
O2 N2 UNIT CONSUMPT	.0000	.0000	.0000	.0000	.0000	.0000	.0000
O2 N2 COST PER BURN	.0000	.0000	.0000	.0000	.0000	.0000	.0000
WATER UNIT PRICE	.8291	.8249	.6894	.6894	.6894	.6894	.6894
WATER UNIT CONSUMPT	.0100	.0100	.0100	.0100	.0100	.0100	.0100
WATER COST PER BURN	.0083	.0082	.0069	.0069	.0069	.0069	.0069
SUB TOTAL	6.8023	6.8022	6.5112	6.5023	6.5023	6.5023	6.5023
VARIABLE COST TOTAL	29.9548	29.9547	29.6637	29.6548	29.6548	29.6548	29.6548
*<FIXED COST>***							
PRODUCTION OF BURNT	50,000.0000	50,000.0000	50,000.0000	50,000.0000	50,000.0000	50,000.0000	50,000.0000
TOTAL LABOR COST FO	43,750.0000	43,750.0000	43,750.0000	43,750.0000	43,750.0000	43,750.0000	43,750.0000
TOTAL DEPRECIATION	668,800.0000	668,800.0000	668,000.0000	667,300.0000	667,300.0000	667,300.0000	667,300.0000
TOTAL SPECIAL REPAI	74,000.0000	74,000.0000	74,000.0000	74,000.0000	74,000.0000	74,000.0000	74,000.0000

TOTAL REPAIR COST F	300,000.0000	300,000.0000	300,000.0000	300,000.0000	300,000.0000	300,000.0000	300,000.0000
TOTAL OTHER FIXED C	1220,420.7620	1220421	1161341	1161321	1161321	1161321	1161321
FIXED COST TOTAL	46,1394	46,1394	44,9418	44,9274	44,9274	44,9274	44,9274
GRAND TOTAL	76,0942	76,0941	74,6056	74,5823	74,5823	74,5823	74,5823

SMP COST ACCOUNTING SHEET PHASE 2

1994

1995

1996

1997

1998

1999

2000

\*<VARIABLE COST>\*\*\*

\*\*\*<RAW MATERIALS AND SUPPLIES>\*\*\*

	1994	1995	1996	1997	1998	1999	2000
DRI UNIT PRICE	67.3609	66.9751	66.9588	66.9588	66.9588	66.9588	66.9588
DRI UNIT CONSUMPTIO	1.0770	1.0770	1.0770	1.0770	1.0770	1.0770	1.0770
DRI COST PER BILLET	72.5536	72.1322	72.1146	72.1146	72.1146	72.1146	72.1146
SCRAP UNIT PRICE	57.8550	57.8550	57.8550	57.8550	57.8550	57.8550	57.8550
SCRAP UNIT CONSUMPT	.1200	.1200	.1200	.1200	.1200	.1200	.1200
SCRAP COST PER BILL	6.9426	6.9426	6.9426	6.9426	6.9426	6.9426	6.9426
BURNT LIME UNIT PRI	29.9548	29.6637	29.6548	29.6548	29.6548	29.6548	29.6548
BURNT LIME UNIT CON	.0410	.0410	.0410	.0410	.0410	.0410	.0410
BURNT LIME COST PER	1.2281	1.2162	1.2158	1.2158	1.2158	1.2158	1.2158
FLOURSPAR UNIT PRIC	205.9000	205.9000	205.9000	205.9000	205.9000	205.9000	205.9000
FLOURSPAR UNIT CONS	.0020	.0020	.0020	.0020	.0020	.0020	.0020
FLOURSPAR COST PER	.4118	.4118	.4118	.4118	.4118	.4118	.4118
FE-MN UNIT PRICE	357.3600	357.3600	357.3600	357.3600	357.3600	357.3600	357.3600
FE-MN UNIT CONSUMPT	.0140	.0140	.0140	.0140	.0140	.0140	.0140
FE-MN COST PER BILL	5.0030	5.0030	5.0030	5.0030	5.0030	5.0030	5.0030
FE-SI UNIT PRICE	518.8050	518.8050	518.8050	518.8050	518.8050	518.8050	518.8050
FE-SI UNIT CONSUMPT	.0049	.0049	.0049	.0049	.0049	.0049	.0049
FE-SI COST PER BILL	2.5421	2.5421	2.5421	2.5421	2.5421	2.5421	2.5421
AL UNIT PRICE	766.5000	766.5000	766.5000	766.5000	766.5000	766.5000	766.5000
AL UNIT CONSUMPTION	.0001	.0001	.0001	.0001	.0001	.0001	.0001
AL COST PER BILLRT	.0767	.0767	.0767	.0767	.0767	.0767	.0767
COKE BREEZE UNIT PR	97.1250	97.1250	97.1250	97.1250	97.1250	97.1250	97.1250
COKE BREEZE UNIT CO	.0013	.0013	.0013	.0013	.0013	.0013	.0013
COKE BREEZE COST PE	.1263	.1263	.1263	.1263	.1263	.1263	.1263
ELECTRODE UNIT PRIC	2,045.8200	2,045.8200	2,045.8200	2,045.8200	2,045.8200	2,045.8200	2,045.8200
ELECTRODE UNIT CONS	.0041	.0041	.0041	.0041	.0041	.0041	.0041
ELECTRODE COST PER	8.3879	8.3879	8.3879	8.3879	8.3879	8.3879	8.3879
FETTLING MATERIALS	427.0000	427.0000	427.0000	427.0000	427.0000	427.0000	427.0000
FETTLING MATERIALS	.0260	.0260	.0260	.0260	.0260	.0260	.0260
FETTLING MATERIALS	11.1020	11.1020	11.1020	11.1020	11.1020	11.1020	11.1020
FURNACE BRICK UNIT	1,207.0000	1,207.0000	1,207.0000	1,207.0000	1,207.0000	1,207.0000	1,207.0000
FURNACE BRICK UNIT	.0026	.0026	.0026	.0026	.0026	.0026	.0026
FURNACE BRICK COST	3.1382	3.1382	3.1382	3.1382	3.1382	3.1382	3.1382
LADLE BRICK UNIT PR	747.0000	747.0000	747.0000	747.0000	747.0000	747.0000	747.0000
LADLE BRICK UNIT CO	.0030	.0030	.0030	.0030	.0030	.0030	.0030
LADLE BRICK COST PE	2.2410	2.2410	2.2410	2.2410	2.2410	2.2410	2.2410

TUNDISH BRICK UNIT	713.0000	713.0000	713.0000	713.0000	713.0000	713.0000	713.0000	713.0000	713.0000
TUNDISH BRICK UNIT	.0030	.0030	.0030	.0030	.0030	.0030	.0030	.0030	.0030
TUNDISH BRICK COST	2.1390	2.1390	2.1390	2.1390	2.1390	2.1390	2.1390	2.1390	2.1390
SUB TOTAL	115.8923	115.8964	115.4590	115.4410	115.4410	115.4410	115.4410	115.4410	115.4410
***<BYPRODUCT>****									
SCRAP UNIT PRICE	57.8550	57.8550	57.8550	57.8550	57.8550	57.8550	57.8550	57.8550	57.8550
SCRAP UNIT OUTPUT	.0164	.0164	.0164	.0164	.0164	.0164	.0164	.0164	.0164
SCRAP MENUS COST PE	.9488	.9488	.9488	.9488	.9488	.9488	.9488	.9488	.9488
SUB TOTAL	.9488	.9488	.9488	.9488	.9488	.9488	.9488	.9488	.9488
***<UTILITY>****									
ELEC. UNIT PRICE	.0184	.0184	.0184	.0183	.0183	.0183	.0183	.0183	.0183
ELEC. UNIT CONSUMPT	731.0000	731.0000	731.0000	731.0000	731.0000	731.0000	731.0000	731.0000	731.0000
ELEC. COST PER BILL	14.1900	14.1900	13.4857	13.3771	13.3771	13.3771	13.3771	13.3771	13.3771
GAS UNIT PRICE	.0581	.0581	.0580	.0580	.0580	.0580	.0580	.0580	.0580
GAS UNIT CONSUMPTIO	4.0500	4.0500	4.0500	4.0500	4.0500	4.0500	4.0500	4.0500	4.0500
GAS COST PER BILLE	.2354	.2354	.2349	.2349	.2349	.2349	.2349	.2349	.2349
AIR UNIT PRICE	.0153	.0153	.0104	.0104	.0104	.0104	.0104	.0104	.0104
AIR UNIT CONSUMPTIO	7.8600	7.8600	7.8600	7.8600	7.8600	7.8600	7.8600	7.8600	7.8600
AIR COST PER BILLET	.1202	.1202	.0815	.0815	.0815	.0815	.0815	.0815	.0815
O2 N2 UNIT PRICE	.0985	.0985	.0623	.0623	.0623	.0623	.0623	.0623	.0623
O2 N2 UNIT CONSUMPT	4.0800	4.0800	4.0800	4.0800	4.0800	4.0800	4.0800	4.0800	4.0800
O2 N2 COST PER BILL	.4020	.4020	.2540	.2540	.2540	.2540	.2540	.2540	.2540
WATER UNIT PRICE	.8291	.8249	.6894	.6894	.6894	.6894	.6894	.6894	.6894
WATER UNIT CONSUMPT	2.1400	2.1400	2.1400	2.1400	2.1400	2.1400	2.1400	2.1400	2.1400
WATER COST PER BILL	1.7744	1.7653	1.4752	1.4752	1.4752	1.4752	1.4752	1.4752	1.4752
SUB TOTAL	16.7220	16.7130	15.5313	15.4228	15.4228	15.4228	15.4228	15.4228	15.4228
VARIABLE COST TOTA	131.6655	131.6505	130.0415	129.9150	129.9150	129.9150	129.9150	129.9150	129.9150
*<FIXED COST>**									
PRODUCTION OF BILLE	1231.000	1231.000	1231.000	1231.000	1231.000	1231.000	1231.000	1231.000	1231.000
TOTAL LABOR COST FO	1275,250.0000	1275250	1275250	1275250	1275250	1275250	1275250	1275250	1275250
TOTAL DEPRECIATION	18471,400.0000	18471400	18438700	18438700	18438700	18438700	18438700	18438700	18438700
TOTAL REPAIR COST F	7127,000.0000	7127000	7127000	7127000	7127000	7127000	7127000	7127000	7127000
TOTAL PRECEEDING	PR23869,923.4640	23869923	23749463	23747223	23747223	23747223	23747223	23747223	23747223
TOTAL OTHER FIXED C	1278,697.4420	1278697	1219617	1219597	1219597	1219597	1219597	1219597	1219597
FIXED COST TOTAL	42.2602	42.2602	42.0877	42.0859	42.0859	42.0859	42.0859	42.0859	42.0859
GRAND TOTAL	173.9257	173.9107	172.1292	172.0009	172.0009	172.0009	172.0009	172.0009	172.0005

BMP COST ACCOUNTING SHEET PHASE 2

	1994	1995	1996	1997	1998	1999	2000
*<VARIABLE COST>***							
***<RAW MATERIALS>***							
BILLET UNIT PRICE	131.6655	131.6505	130.0415	129.9150	129.9150	129.9150	129.9150
BILLET UNIT CONSUMPT	1.0420	1.0420	1.0420	1.0420	1.0420	1.0420	1.0420
BILLET COST PER BAR	137.1955	137.1799	135.5032	135.3714	135.3714	135.3714	135.3714
SUB TOTAL	137.1955	137.1799	135.5032	135.3714	135.3714	135.3714	135.3714
***<BYPRODUCT>***							
SCRAP UNIT PRICE	57.8550	57.8550	57.8550	57.8550	57.8550	57.8550	57.8550
SCRAP UNIT OUTPUT	.0260	.0260	.0260	.0260	.0260	.0260	.0260
SCRAP MINUS COST PE	1.5042	1.5042	1.5042	1.5042	1.5042	1.5042	1.5042
SUB TOTAL	1.5042	1.5042	1.5042	1.5042	1.5042	1.5042	1.5042
***<UTILITY>***							
ELEC. UNIT PRICE	.0194	.0194	.0184	.0183	.0183	.0183	.0183
ELEC. UNIT CONSUMPT	86.0000	86.0000	86.0000	86.0000	86.0000	86.0000	86.0000
ELEC. COST PER BAR	1.6694	1.6694	1.5865	1.5738	1.5738	1.5738	1.5738
GAS UNIT PRICE	.0581	.0581	.0580	.0580	.0580	.0580	.0580
GAS UNIT CONSUMPTIO	29.5000	29.5000	29.5000	29.5000	29.5000	29.5000	29.5000
GAS COST PER BAR	1.7149	1.7149	1.7114	1.7114	1.7114	1.7114	1.7114
AIR UNIT PRICE	.0153	.0153	.0104	.0104	.0104	.0104	.0104
AIR UNIT CONSUMPTIO	19.3000	19.3000	19.3000	19.3000	19.3000	19.3000	19.3000
AIR COST PER BAR	.2951	.2951	.2000	.2000	.2000	.2000	.2000
O2 N2 UNIT PRICE	.0985	.0985	.0623	.0623	.0623	.0623	.0623
O2 N2 UNIT CONSUMPT	.0000	.0000	.0000	.0000	.0000	.0000	.0000
O2 N2 COST PER BAR	.0000	.0000	.0000	.0000	.0000	.0000	.0000
WATER UNIT PRICE	.8291	.8249	.6894	.6894	.6894	.6894	.6894
WATER UNIT CONSUMPT	.6882	.6882	.6882	.6882	.6882	.6882	.6882
WATER COST PER BAR	.5706	.5677	.4744	.4744	.4744	.4744	.4744
SUB TOTAL	4.2500	4.2471	3.9724	3.9596	3.9596	3.9596	3.9596
VARIABLE COST TOTA	139.9413	139.9227	137.9714	137.8268	137.8268	137.8268	137.8268
*<FIXED COST>***							
PRODUCTION OF BAR	427,000.0000	427,000.0000	427,000.0000	427,000.0000	427,000.0000	427,000.0000	427,000.0000
TOTAL LABOR COST FO	322,805.0000	322,805.0000	322,805.0000	322,805.0000	322,805.0000	322,805.0000	322,805.0000
TOTAL DEPRECIATION	3223,900.0000	3223,900.0000	3214,100.0000	3212,100.0000	3212,100.0000	3212,100.0000	3212,100.0000
TOTAL REPAIR COST F	1337,000.0000	1337,000.0000	1337,000.0000	1337,000.0000	1337,000.0000	1337,000.0000	1337,000.0000

TOTAL PRECEDING PRI 9833,483.1579	19833483	19752567	19751705	19751705	19751705	19751514
TOTAL OTHER FIXED C 1253,503.2820	1233503	1174423	1174403	1174403	1174403	1174403
FIXED COST TOTAL	60.7745	60.4236	60.4169	60.4169	60.4169	60.4164
GRAND TOTAL	200.7157	198.3950	198.2437	198.2437	198.2437	198.2432

RMP COST ACCOUNTING SHEET PHASE 2

	1994	1995	1996	1997	1998	1999	2000
*<VARIABLE COST>*							
***<RAW MATERIALS>***							
BILLET UNIT PRICE	131.6655	131.6505	130.0415	129.9150	129.9150	129.9150	129.9150
BILLET UNIT CONSUMPT	1.0310	1.0310	1.0310	1.0310	1.0310	1.0310	1.0310
BILLET COST PER ROD	135.7471	135.7317	134.0728	133.9423	133.9423	133.9423	133.9423
SUB TOTAL	135.7471	135.7317	134.0728	133.9423	133.9423	133.9423	133.9423
***<BYPRODUCT>***							
SCRAP UNIT PRICE	57.8550	57.8550	57.8550	57.8550	57.8550	57.8550	57.8550
SCRAP UNIT OUTPUT	.0150	.0150	.0150	.0150	.0150	.0150	.0150
SCRAP MINUS COST PE	.8678	.8678	.8678	.8678	.8678	.8678	.8678
SUB TOTAL	.8678	.8678	.8678	.8678	.8678	.8678	.8678
***<UTILITY>***							
ELEC. UNIT PRICE	.0194	.0194	.0184	.0183	.0183	.0183	.0183
ELEC. UNIT CONSUMPT	131.0000	131.0000	131.0000	131.0000	131.0000	131.0000	131.0000
ELEC. COST PER ROD	2.5429	2.5429	2.4167	2.3973	2.3973	2.3973	2.3973
GAS UNIT PRICE	.0581	.0581	.0580	.0580	.0580	.0580	.0580
GAS UNIT CONSUMPTIO	31.3000	31.3000	31.3000	31.3000	31.3000	31.3000	31.3000
GAS COST PER ROD	1.8196	1.8196	1.8158	1.8158	1.8158	1.8158	1.8158
AIR UNIT PRICE	.0153	.0153	.0104	.0104	.0104	.0104	.0104
AIR UNIT CONSUMPTIO	25.0000	25.0000	25.0000	25.0000	25.0000	25.0000	25.0000
AIR COST PER ROD	.3822	.3822	.2591	.2591	.2591	.2591	.2591
O2 N2 UNIT PRICE	.0985	.0985	.0623	.0623	.0623	.0623	.0623
O2 N2 UNIT CONSUMPT	.0000	.0000	.0000	.0000	.0000	.0000	.0000
O2 N2 COST PER ROD	.0000	.0000	.0000	.0000	.0000	.0000	.0000
WATER UNIT PRICE	.8291	.8249	.6894	.6894	.6894	.6894	.6894
WATER UNIT CONSUMPT	.8000	.8000	.8000	.8000	.8000	.8000	.8000
WATER COST PER ROD	.6633	.6599	.5515	.5515	.5515	.5515	.5515
SUB TOTAL	5.4080	5.4046	5.0431	5.0237	5.0237	5.0237	5.0237
VARIABLE COST TOTAL	140.2873	140.2685	138.2481	138.0982	138.0982	138.0982	138.0982
*<FIXED COST>*							
PRODUCTION OF ROD	693,000.0000	693,000.0000	693,000.0000	693,000.0000	693,000.0000	693,000.0000	693,000.0000
TOTAL LABOR COST FO	331,605.0000	331,605.0000	331,605.0000	331,605.0000	331,605.0000	331,605.0000	331,605.0000
TOTAL DEPRECIATION	5324,400.0000	5324,400.0000	5324,400.0000	5324,400.0000	5324,400.0000	5324,400.0000	5324,400.0000
TOTAL REPAIR COST F	1808,000.0000	1808,000.0000	1808,000.0000	1808,000.0000	1808,000.0000	1808,000.0000	1808,000.0000



TOTAL PRECEDING PR32188,767.7481	32188768	32057444	32056046	32056046	32056046	32056046	32055736
TOTAL OTHER FIXED C 1233,899.7220	1233900	1174820	1174800	1174800	1174800	1174800	1174800
FIXED COST TOTAL	58.9995	58.7248	58.7227	58.7227	58.7227	58.7227	58.7223
GRAND TOTAL	199.2869	196.9728	196.8209	196.8209	196.8209	196.8209	196.8204

DRP COST ACCOUNTING SHEET PHASE 2

	2001	2002	2003	2004	2005	2006	2007
*<VARIABLE COST>**							
***<RAW MATERIALS>***							
PELLET UNIT PRICE	34.1650	34.1650	34.1650	34.1650	34.1650	34.1650	34.1650
PELLET UNIT CONSUMP	1.0150	1.0150	1.0150	1.0150	1.0150	1.0150	1.0150
PELLET COST PER DRI	34.6775	34.6775	34.6775	34.6775	34.6775	34.6775	34.6775
IRON ORE UNIT PRICE	32.2950	32.2950	32.2950	32.2950	32.2950	32.2950	32.2950
IRON ORE UNIT CONSU	.4350	.4350	.4350	.4350	.4350	.4350	.4350
IRON ORE COST PER D	14.0483	14.0483	14.0483	14.0483	14.0483	14.0483	14.0483
B. LIME UNIT PRICE	29.6548	29.6054	29.6054	29.6054	29.6054	29.6054	29.7851
B. LIME UNIT CONSUM	.0007	.0007	.0007	.0007	.0007	.0007	.0007
B. LIME COST PER DR	.0208	.0207	.0207	.0207	.0207	.0207	.0208
SUB TOTAL	48.7466	48.7465	48.7465	48.7465	48.7465	48.7465	48.7466
***<BYPRODUCT>***							
OXIDE FINE UNIT PRI	11.0000	11.0000	11.0000	11.0000	11.0000	11.0000	11.0000
OXIDE FINE UNIT OUT	.0450	.0450	.0450	.0450	.0450	.0450	.0450
FINE MINUS COST PER	.4950	.4950	.4950	.4950	.4950	.4950	.4950
SUB TOTAL	.4950	.4950	.4950	.4950	.4950	.4950	.4950
***<UTILITY>***							
ELEC. UNIT PRICE	.0183	.0181	.0181	.0181	.0181	.0181	.0188
ELEC. UNIT CONSUMPT	110.0000	110.0000	110.0000	110.0000	110.0000	110.0000	110.0000
ELEC. COST PER DRI	2.0130	1.9924	1.9924	1.9924	1.9924	1.9924	2.0657
GAS UNIT PRICE	.0580	.0580	.0580	.0580	.0580	.0580	.0581
GAS UNIT CONSUMPTIO	270.0000	270.0000	270.0000	270.0000	270.0000	270.0000	270.0000
GAS COST PER DRI	15.6633	15.6633	15.6633	15.6633	15.6633	15.6633	15.6827
AIR UNIT PRICE	.0104	.0096	.0096	.0096	.0096	.0096	.0125
AIR UNIT CONSUMPTIO	7.0000	7.0000	7.0000	7.0000	7.0000	7.0000	7.0000
AIR COST PER DRI	.0726	.0669	.0669	.0669	.0669	.0669	.0875
O2 N2 UNIT PRICE	.0623	.0623	.0623	.0623	.0623	.0623	.0840
O2 N2 UNIT CONSUMPT	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
O2 N2 COST PER DRI	.0623	.0623	.0623	.0623	.0623	.0623	.0840
WATER UNIT PRICE	.6894	.5257	.5257	.5257	.5257	.5257	.6093
WATER UNIT CONSUMPT	1.3000	1.3000	1.3000	1.3000	1.3000	1.3000	1.3000
WATER COST PER DRI	.8962	.6834	.6834	.6834	.6834	.6834	.7921
SUB TOTAL	18.7072	18.4682	18.4682	18.4682	18.4682	18.4682	18.7121
VARIABLE COST T	66.9588	66.7197	66.7197	66.7197	66.7197	66.7197	66.9638
*<FIXED COST>**							

PRODUCTION OF DRI	1327,000.0000	1327000	1327000	1327000	1327000	1327000	1327000
TOTAL LABOR COST FO	172,680.0000	172,680.0000	172,680.0000	172,680.0000	172,680.0000	172,680.0000	172,680.0000
TOTAL DEPRECIATION	11546,700.0000	10112000	10112000	10112000	10112000	10112000	7418000
TOTAL SPECIAL REPAIR	2200,000.0000	2200000	2200000	2200000	2200000	2200000	2200000
TOTAL REPAIR COST F	4980,000.0000	4980000	4980000	4980000	4980000	4980000	7564000
TOTAL OTHER FIXED C	1166,672.7020	1056273	1056273	1056273	1056273	1056273	1090673
FIXED COST TOTAL	15,1214	13,9570	13,9570	13,9570	13,9570	13,9570	13,9000
GRAND TOTAL	82,0801	80,6767	80,6767	80,6767	80,6767	80,6767	80,8638

LCP COST ACCOUNTING SHEET PHASE 2

	2001	2002	2003	2004	2005	2006	2007
*<VARIABLE COST>***							
***<RAW MATERIALS>***							
LIME STONE UNIT PRI	12.0000	12.0000	12.0000	12.0000	12.0000	12.0000	12.0000
LIME STONE UNIT CON	1.9800	1.9800	1.9800	1.9800	1.9800	1.9800	1.9800
LIME STONE COST PER	23.7600	23.7600	23.7600	23.7600	23.7600	23.7600	23.7600
SUB TOTAL	23.7600	23.7600	23.7600	23.7600	23.7600	23.7600	23.7600
***<BYPRODUCT>***							
LIME FINE UNIT PRIC	2.2500	2.2500	2.2500	2.2500	2.2500	2.2500	2.2500
LIME FINE UNIT OUTP	.2700	.2700	.2700	.2700	.2700	.2700	.2700
LIME FINE MINUS COS	.6075	.6075	.6075	.6075	.6075	.6075	.6075
SUB TOTAL	.6075	.6075	.6075	.6075	.6075	.6075	.6075
***<UTILITY>***							
ELEC. UNIT PRICE	.0183	.0181	.0181	.0181	.0181	.0181	.0188
ELEC. UNIT CONSUMPT	60.0000	60.0000	60.0000	60.0000	60.0000	60.0000	60.0000
ELEC. COST PER BURNT	1.0980	1.0868	1.0868	1.0868	1.0868	1.0868	1.1268
GAS UNIT PRICE	.0580	.0580	.0580	.0580	.0580	.0580	.0581
GAS UNIT CONSUMPTIO	85.0000	85.0000	85.0000	85.0000	85.0000	85.0000	85.0000
GAS COST PER BURNT	4.9310	4.9310	4.9310	4.9310	4.9310	4.9310	4.9372
AIR UNIT PRICE	.0104	.0096	.0096	.0096	.0096	.0096	.0125
AIR UNIT CONSUMPTIO	45.0000	45.0000	45.0000	45.0000	45.0000	45.0000	45.0000
AIR COST PER BURNT	.4664	.4299	.4299	.4299	.4299	.4299	.5626
O2 N2 UNIT PRICE	.0623	.0623	.0623	.0623	.0623	.0623	.0940
O2 N2 UNIT CONSUMPT	.0000	.0000	.0000	.0000	.0000	.0000	.0000
O2 N2 COST PER BURNT	.0000	.0000	.0000	.0000	.0000	.0000	.0000
WATER UNIT PRICE	.6894	.5257	.5257	.5257	.5257	.5257	.6093
WATER UNIT CONSUMPT	.0100	.0100	.0100	.0100	.0100	.0100	.0100
WATER COST PER BURNT	.0069	.0053	.0053	.0053	.0053	.0053	.0061
SUB TOTAL	6.5023	6.4529	6.4529	6.4529	6.4529	6.4529	6.6326
VARIABLE COST TOTAL	29.6548	29.6054	29.6054	29.6054	29.6054	29.6054	29.7851
***<FIXED COST>***							
PRODUCTION OF BURNT	50,000.0000	50,000.0000	50,000.0000	50,000.0000	50,000.0000	50,000.0000	50,000.0000
TOTAL LABOR COST FO	43,750.0000	43,750.0000	43,750.0000	43,750.0000	43,750.0000	43,750.0000	43,750.0000
TOTAL DEPRECIATION	489,900.0000	334,000.0000	334,000.0000	334,000.0000	334,000.0000	334,000.0000	334,000.0000
TOTAL SPECIAL REPAIR	74,000.0000	74,000.0000	74,000.0000	74,000.0000	74,000.0000	74,000.0000	74,000.0000

TOTAL REPAIR COST F	300,000.0000	300,000.0000	300,000.0000	300,000.0000	300,000.0000	300,000.0000	300,000.0000	601,000.0000
TOTAL OTHER FIXED C	1161,320.7620	1050921	1050921	1050921	1050921	1050921	1050921	1065321
FIXED COST TOTAL	41,3794	36,0534	36,0534	36,0534	36,0534	36,0534	36,0534	42,7614
GRAND TOTAL	71,0343	65,6588	65,6588	65,6588	65,6588	65,6588	65,6588	72,5465

SMP COST ACCOUNTING SHEET PHASE 2

	2001	2002	2003	2004	2005	2006	2007
*<VARIABLE COST>**							
***<RAW MATERIALS AND SUPPLIES>***							
DRI UNIT PRICE	66.9588	66.7197	66.7197	66.7197	66.7197	66.7197	66.9638
DRI UNIT CONSUMPTIO	1.0770	1.0770	1.0770	1.0770	1.0770	1.0770	1.0770
DRI COST PER BILLET	72.1146	71.8571	71.8571	71.8571	71.8571	71.8571	72.1200
SCRAP UNIT PRICE	57.8550	57.8550	57.8550	57.8550	57.8550	57.8550	57.8550
SCRAP UNIT CONSUMPT	.1200	.1200	.1200	.1200	.1200	.1200	.1200
SCRAP COST PER BILL	6.9426	6.9426	6.9426	6.9426	6.9426	6.9426	6.9426
BURNT LIME UNIT PRI	29.6548	29.6054	29.6054	29.6054	29.6054	29.6054	29.7851
BURNT LIME UNIT CON	.0410	.0410	.0410	.0410	.0410	.0410	.0410
BURNT LIME COST PER	1.2158	1.2138	1.2138	1.2138	1.2138	1.2138	1.2212
FLOURSPAR UNIT PRIC	205.9000	205.9000	205.9000	205.9000	205.9000	205.9000	205.9000
FLOURSPAR UNIT CONS	.0020	.0020	.0020	.0020	.0020	.0020	.0020
FLOURSPAR COST PER	.4118	.4118	.4118	.4118	.4118	.4118	.4118
FE-MN UNIT PRICE	357.3600	357.3600	357.3600	357.3600	357.3600	357.3600	357.3600
FE-MN UNIT CONSUMPT	.0140	.0140	.0140	.0140	.0140	.0140	.0140
FE-MN COST PER BILL	5.0030	5.0030	5.0030	5.0030	5.0030	5.0030	5.0030
FE-SI UNIT PRICE	518.8050	518.8050	518.8050	518.8050	518.8050	518.8050	518.8050
FE-SI UNIT CONSUMPT	.0049	.0049	.0049	.0049	.0049	.0049	.0049
FE-SI COST PER BILL	2.5421	2.5421	2.5421	2.5421	2.5421	2.5421	2.5421
AL UNIT PRICE	766.5000	766.5000	766.5000	766.5000	766.5000	766.5000	766.5000
AL UNIT CONSUMPTION	.0001	.0001	.0001	.0001	.0001	.0001	.0001
AL COST PER BILLRT	.0767	.0767	.0767	.0767	.0767	.0767	.0767
COKE BREEZE UNIT PR	97.1250	97.1250	97.1250	97.1250	97.1250	97.1250	97.1250
COKE BREEZE UNIT CO	.0013	.0013	.0013	.0013	.0013	.0013	.0013
COKE BREEZE COST PE	.1263	.1263	.1263	.1263	.1263	.1263	.1263
ELECTRODE UNIT PRIC	2,045.8200	2,045.8200	2,045.8200	2,045.8200	2,045.8200	2,045.8200	2,045.8200
ELECTRODE UNIT CONS	.0041	.0041	.0041	.0041	.0041	.0041	.0041
ELECTRODE COST PER	8.3879	8.3879	8.3879	8.3879	8.3879	8.3879	8.3879
FETTLING MATERIALS	427.0000	427.0000	427.0000	427.0000	427.0000	427.0000	427.0000
FETTLING MATERIALS	.0260	.0260	.0260	.0260	.0260	.0260	.0260
FETTLING MATERIALS	11.1020	11.1020	11.1020	11.1020	11.1020	11.1020	11.1020
FURNACE BRICK UNIT	1,207.0000	1,207.0000	1,207.0000	1,207.0000	1,207.0000	1,207.0000	1,207.0000
FURNACE BRICK UNIT	.0026	.0026	.0026	.0026	.0026	.0026	.0026
FURNACE BRICK COST	3.1382	3.1382	3.1382	3.1382	3.1382	3.1382	3.1382
LADLE BRICK UNIT PR	747.0000	747.0000	747.0000	747.0000	747.0000	747.0000	747.0000
LADLE BRICK UNIT CO	.0030	.0030	.0030	.0030	.0030	.0030	.0030
LADLE BRICK COST PE	2.2410	2.2410	2.2410	2.2410	2.2410	2.2410	2.2410

TUNDISH BRICK UNIT	713.0000	713.0000	713.0000	713.0000	713.0000	713.0000	713.0000	713.0000	713.0000
TUNDISH BRICK UNIT	.0030	.0030	.0030	.0030	.0030	.0030	.0030	.0030	.0030
TUNDISH BRICK COST	2.1390	2.1390	2.1390	2.1390	2.1390	2.1390	2.1390	2.1390	2.1390
SUB TOTAL	115.4410	115.1815	115.1815	115.1815	115.1815	115.1815	115.1815	115.1815	115.4517
***<BYPRODUCT>***									
SCRAP UNIT PRICE	57.8550	57.8550	57.8550	57.8550	57.8550	57.8550	57.8550	57.8550	57.8550
SCRAP UNIT OUTPUT	.0164	.0164	.0164	.0164	.0164	.0164	.0164	.0164	.0164
SCRAP MINUS COST PE	.9488	.9488	.9488	.9488	.9488	.9488	.9488	.9488	.9488
SUB TOTAL	.9488	.9488	.9488	.9488	.9488	.9488	.9488	.9488	.9488
***<UTILITY>***									
ELEC. UNIT PRICE	.0183	.0181	.0181	.0181	.0181	.0181	.0181	.0181	.0188
ELEC. UNIT CONSUMPT	731.0000	731.0000	731.0000	731.0000	731.0000	731.0000	731.0000	731.0000	731.0000
ELEC. COST PER BILL	13.3771	13.2404	13.2404	13.2404	13.2404	13.2404	13.2404	13.2404	13.7276
GAS UNIT PRICE	.0580	.0580	.0580	.0580	.0580	.0580	.0580	.0580	.0581
GAS UNIT CONSUMPTIO	4.0500	4.0500	4.0500	4.0500	4.0500	4.0500	4.0500	4.0500	4.0500
GAS COST PER BILLE	.2349	.2349	.2349	.2349	.2349	.2349	.2349	.2349	.2352
AIR UNIT PRICE	.0104	.0096	.0096	.0096	.0096	.0096	.0096	.0096	.0125
AIR UNIT CONSUMPTIO	7.8600	7.8600	7.8600	7.8600	7.8600	7.8600	7.8600	7.8600	7.8600
AIR COST PER BILLET	.0815	.0751	.0751	.0751	.0751	.0751	.0751	.0751	.0983
O2 N2 UNIT PRICE	.0623	.0623	.0623	.0623	.0623	.0623	.0623	.0623	.0840
O2 N2 UNIT CONSUMPT	4.0800	4.0800	4.0800	4.0800	4.0800	4.0800	4.0800	4.0800	4.0800
O2 N2 COST PER BILL	.2540	.2540	.2540	.2540	.2540	.2540	.2540	.2540	.3427
WATER UNIT PRICE	.6894	.5257	.5257	.5257	.5257	.5257	.5257	.5257	.6093
WATER UNIT CONSUMPT	2.1400	2.1400	2.1400	2.1400	2.1400	2.1400	2.1400	2.1400	2.1400
WATER COST PER BILL	1.4752	1.1249	1.1249	1.1249	1.1249	1.1249	1.1249	1.1249	1.3040
SUB TOTAL	15.4228	14.9294	14.9294	14.9294	14.9294	14.9294	14.9294	14.9294	15.7078
VARIABLE COST TOTA	129.9150	129.1620	129.1620	129.1620	129.1620	129.1620	129.1620	129.1620	130.2107
*<FIXED COST>***									
PRODUCTION OF BILLE	1231,000.0000	1231000	1231000	1231000	1231000	1231000	1231000	1231000	1231000
TOTAL LABOR COST FO	1275,230.0000	1275230	1275230	1275230	1275230	1275230	1275230	1275230	1275230
TOTAL DEPRECIATION	13346,600.0000	13346600	13346600	13346600	13346600	13346600	13346600	13346600	10243600
TOTAL REPAIR COST F	7127,000.0000	7127000	7127000	7127000	7127000	7127000	7127000	7127000	11711000
TOTAL PRECEEDING PR	22135,023.4640	20323623	20323623	20323623	20323623	20323623	20323623	20323623	20583423
TOTAL OTHER FIXED C	1219,597.4420	1109197	1109197	1109197	1109197	1109197	1109197	1109197	1143597
FIXED COST TOTAL	36.6397	35.0785	35.0785	35.0785	35.0785	35.0785	35.0785	35.0785	36.5206
GRAND TOTAL	166.5546	164.2405	164.2405	164.2405	164.2405	164.2405	164.2405	164.2405	166.7313

BMP COST ACCOUNTING SHEET PHASE 2

	2001	2002	2003	2004	2005	2006	2007
*<VARIABLE COST>*							
***<RAW MATERIALS>***							
BILLET UNIT PRICE	129.9150	129.1620	129.1620	129.1620	129.1620	129.1620	130.2107
BILLET UNIT CONSUMPT	1.0420	1.0420	1.0420	1.0420	1.0420	1.0420	1.0420
BILLET COST PER BAR	135.3714	134.5868	134.5868	134.5868	134.5868	134.5868	135.6795
SUB TOTAL	135.3714	134.5868	134.5868	134.5868	134.5868	134.5868	135.6795
***<BYPRODUCT>***							
SCRAP UNIT PRICE	57.8550	57.8550	57.8550	57.8550	57.8550	57.8550	57.8550
SCRAP UNIT OUTPUT	.0260	.0260	.0260	.0260	.0260	.0260	.0260
SCRAP MINUS COST PE	1.5042	1.5042	1.5042	1.5042	1.5042	1.5042	1.5042
SUB TOTAL	1.5042	1.5042	1.5042	1.5042	1.5042	1.5042	1.5042
***<UTILITY>***							
ELEC. UNIT PRICE	.0183	.0181	.0181	.0181	.0181	.0181	.0188
ELEC. UNIT CONSUMPT	86.0000	86.0000	86.0000	86.0000	86.0000	86.0000	86.0000
ELEC. COST PER BAR	1.5738	1.5577	1.5577	1.5577	1.5577	1.5577	1.6150
GAS UNIT PRICE	.0580	.0580	.0580	.0580	.0580	.0580	.0581
GAS UNIT CONSUMPTIO	29.5000	29.5000	29.5000	29.5000	29.5000	29.5000	29.5000
GAS COST PER BAR	1.7114	1.7114	1.7114	1.7114	1.7114	1.7114	1.7135
AIR UNIT PRICE	.0104	.0096	.0096	.0096	.0096	.0096	.0125
AIR UNIT CONSUMPTIO	19.3000	19.3000	19.3000	19.3000	19.3000	19.3000	19.3000
AIR COST PER BAR	.2000	.1844	.1844	.1844	.1844	.1844	.2413
O2 N2 UNIT PRICE	.0623	.0623	.0623	.0623	.0623	.0623	.0840
O2 N2 UNIT CONSUMPT	.0000	.0000	.0000	.0000	.0000	.0000	.0000
O2 N2 COST PER BAR	.0000	.0000	.0000	.0000	.0000	.0000	.0000
WATER UNIT PRICE	.6894	.5257	.5257	.5257	.5257	.5257	.6093
WATER UNIT CONSUMPT	.6882	.6882	.6882	.6882	.6882	.6882	.6882
WATER COST PER BAR	.4744	.3618	.3618	.3618	.3618	.3618	.4193
SUB TOTAL	3.9596	3.8152	3.8152	3.8152	3.8152	3.8152	3.9891
VARIABLE COST TOTA	137.8268	136.8978	136.8978	136.8978	136.8978	136.8978	138.1644
*<FIXED COST>*							
PRODUCTION OF BAR	427,000.0000	427,000.0000	427,000.0000	427,000.0000	427,000.0000	427,000.0000	427,000.0000
TOTAL LABOR COST FO	322,805.0000	322,805.0000	322,805.0000	322,805.0000	322,805.0000	322,805.0000	322,805.0000
TOTAL DEPRECIATION	1974,800.0000	1727200	1727200	1727200	1727200	1727200	1727200
TOTAL REPAIR COST F	1337,000.0000	1337000	1337000	1337000	1337000	1337000	2674000



TOTAL PRECEEDINGS PRI	17195.690.6579	16463004	16463004	16463004	16463004	16463004	16463004	17139799
TOTAL OTHER FIXED C	1174,403.2820	1064003	1064003	1064003	1064003	1064003	1064003	1098403
FIXED COST TOTAL	51.5333	48.9790	48.9790	48.9790	48.9790	48.9790	48.9790	55.7757
GRAND TOTAL	189.3600	185.8767	185.8767	185.8767	185.8767	185.8767	185.8767	191.9401

RMP: COST ACCOUNTING SHEET PHASE 2

	2001	2002	2003	2004	2005	2006	2007
*<VARIABLE COST>***							
***<RAW MATERIALS>***							
BILLET UNIT PRICE	129.9150	129.1620	129.1620	129.1620	129.1620	129.1620	130.2107
BILLET UNIT CONSUMPT	1.0310	1.0310	1.0310	1.0310	1.0310	1.0310	1.0310
BILLET COST PER ROD	133.9423	133.1661	133.1661	133.1661	133.1661	133.1661	134.2472
SUB TOTAL	133.9423	133.1661	133.1661	133.1661	133.1661	133.1661	134.2472
***<BYPRODUCT>***							
SCRAP UNIT PRICE	57.8550	57.8550	57.8550	57.8550	57.8550	57.8550	57.8550
SCRAP UNIT OUTPUT	.0150	.0150	.0150	.0150	.0150	.0150	.0150
SCRAP MINUS COST PE	.8678	.8678	.8678	.8678	.8678	.8678	.8678
SUB TOTAL	.8678	.8678	.8678	.8678	.8678	.8678	.8678
***<UTILITY>***							
ELEC. UNIT PRICE	.0181	.0181	.0181	.0181	.0181	.0181	.0181
ELEC. UNIT CONSUMPT	131.0000	131.0000	131.0000	131.0000	131.0000	131.0000	131.0000
ELEC. COST PER ROD	2.3728	2.3728	2.3728	2.3728	2.3728	2.3728	2.4601
GAS UNIT PRICE	.0580	.0580	.0580	.0580	.0580	.0580	.0581
GAS UNIT CONSUMPTIO	31.3000	31.3000	31.3000	31.3000	31.3000	31.3000	31.3000
GAS COST PER ROD	1.8158	1.8158	1.8158	1.8158	1.8158	1.8158	1.8180
AIR UNIT PRICE	.0104	.0096	.0096	.0096	.0096	.0096	.0125
AIR UNIT CONSUMPTIO	25.0000	25.0000	25.0000	25.0000	25.0000	25.0000	25.0000
AIR COST PER ROD	.2591	.2388	.2388	.2388	.2388	.2388	.3126
O2 N2 UNIT PRICE	.0623	.0623	.0623	.0623	.0623	.0623	.0840
O2 N2 UNIT CONSUMPT	.0000	.0000	.0000	.0000	.0000	.0000	.0000
O2 N2 COST PER ROD	.0000	.0000	.0000	.0000	.0000	.0000	.0000
WATER UNIT PRICE	.6894	.5257	.5257	.5257	.5257	.5257	.6093
WATER UNIT CONSUMPT	.8000	.8000	.8000	.8000	.8000	.8000	.8000
WATER COST PER ROD	.5515	.4205	.4205	.4205	.4205	.4205	.4875
SUB TOTAL	5.0237	4.8479	4.8479	4.8479	4.8479	4.8479	5.0782
VARIABLE COST TOTAL	138.0982	137.1461	137.1461	137.1461	137.1461	137.1461	138.4575
*<FIXED COST>***							
PRODUCTION OF ROD	693,000.0000	693,000.0000	693,000.0000	693,000.0000	693,000.0000	693,000.0000	693,000.0000
TOTAL LABOR COST FO	331,605.0000	331,605.0000	331,605.0000	331,605.0000	331,605.0000	331,605.0000	331,605.0000
TOTAL DEPRECIATION	5221,000.0000	4080800	4080800	4080800	4080800	4080800	2971800
TOTAL REPAIR COST F	1808,000.0000	1808000	1808000	1808000	1808000	1808000	2928000

TOTAL PRECEEDING PR27907,760.2481	26718646	26718646	26718646	26718646	26718646	26718646	27817051
TOTAL OTHER FIXED C 1174,799.7220	1064400	1064400	1064400	1064400	1064400	1064400	1098800
FIXED COST TOTAL	52.5875	49.0670	49.0670	49.0670	49.0670	49.0670	50.7175
GRAND TOTAL	190.6857	186.2132	186.2132	186.2132	186.2132	186.2132	189.1751

DRP COST ACCOUNTING SHEET PHASE 2

2011

2010

2009

2008

\*<VARIABLE COST>\*\*

\*\*\*<RAW MATERIALS>\*\*\*

PELLET UNIT PRICE	34.1650	34.1650	34.1650	34.1650
PELLET UNIT CONSUMPT	1.0150	1.0150	1.0150	1.0150
PELLET COST PER DRI	34.6775	34.6775	34.6775	34.6775
IRON ORE UNIT PRICE	32.2950	32.2950	32.2950	32.2950
IRON ORE UNIT CONSU	.4350	.4350	.4350	.4350
IRON ORE COST PER D	14.0483	14.0483	14.0483	14.0483
B. LIME UNIT PRICE	29.7851	29.7851	29.7851	29.7851
B. LIME UNIT CONSUM	.0007	.0007	.0007	.0007
B. LIME COST PER DR	.0208	.0208	.0208	.0208
SUB TOTAL	48.7466	48.7466	48.7466	48.7466

\*\*\*<BYPRODUCT>\*\*\*

OXIDE FINE UNIT PRI	11.0000	11.0000	11.0000	11.0000
OXIDE FINE UNIT OUT	.0450	.0450	.0450	.0450
FINE MINUS COST PER	.4950	.4950	.4950	.4950
SUB TOTAL	.4950	.4950	.4950	.4950

\*\*\*<UTILITY>\*\*\*

ELEC. UNIT PRICE	.0188	.0188	.0188	.0188
ELEC. UNIT CONSUMPT	110.0000	110.0000	110.0000	110.0000
ELEC. COST PER DRI	2.0657	2.0657	2.0657	2.0657
GAS UNIT PRICE	.0581	.0581	.0581	.0581
GAS UNIT CONSUMPTIO	270.0000	270.0000	270.0000	270.0000
GAS COST PER DRI	15.6827	15.6827	15.6827	15.6827
AIR UNIT PRICE	.0125	.0125	.0125	.0125
AIR UNIT CONSUMPTIO	7.0000	7.0000	7.0000	7.0000
AIR COST PER DRI	.0875	.0875	.0875	.0875
O2 N2 UNIT PRICE	.0840	.0840	.0840	.0840
O2 N2 UNIT CONSUMPT	1.0000	1.0000	1.0000	1.0000
O2 N2 COST PER DRI	.0840	.0840	.0840	.0840
WATER UNIT PRICE	.6093	.6093	.6093	.6093
WATER UNIT CONSUMPT	1.3000	1.3000	1.3000	1.3000
WATER COST PER DRI	.7921	.7921	.7921	.7921
SUB TOTAL	18.7121	18.7121	18.7121	18.7121

VARIABLE COST T

VARIABLE COST T	66.9638	66.9638	66.9638	66.9638
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\*<FIXED COST>\*\*

PRODUCTION OF DRI	1327,000.0000	1327000	1327000	1327000
TOTAL LABOR COST FO	172,680.0000	172,680.0000	172,680.0000	172,680.0000
TOTAL DEPRECIATION	6521,000.0000	6521000	6521000	6521000
TOTAL SPECIAL REPAIR	2200,000.0000	2200000	2200000	2200000
TOTAL REPAIR COST F	7564,000.0000	7564000	7564000	7564000
TOTAL OTHER FIXED C	1090,672.7020	1090673	1090673	1090673
FIXED COST TOTAL	13,2241	13,2241	13,2241	13,2241
GRAND TOTAL	80,1878	80,1878	80,1878	80,1878

LCP COST ACCOUNTING SHEET PHASE 2  
 2009 2010 2011

<<VARIABLE COST>>\*\*  
 \*\*\*<RAW MATERIALS>\*\*\*

	2008	2009	2010	2011
LIME STONE UNIT PRI	12.0000	12.0000	12.0000	12.0000
LIME STONE UNIT CON	1.9800	1.9800	1.9800	1.9800
LIME STONE COST PER	23.7600	23.7600	23.7600	23.7600
SUB TOTAL	23.7600	23.7600	23.7600	23.7600

\*\*\*<BYPRODUCT>\*\*\*

LIME FINE UNIT PRIC	2.2500	2.2500	2.2500	2.2500
LIME FINE UNIT OUTP	.2700	.2700	.2700	.2700
LIME FINE MINUS COS	.6075	.6075	.6075	.6075
SUB TOTAL	.6075	.6075	.6075	.6075

\*\*\*<UTILITY>\*\*\*

ELEC. UNIT PRICE	.0188	.0188	.0188	.0188
ELEC. UNIT CONSUMPT	60.0000	60.0000	60.0000	60.0000
ELEC. COST PER BURN	1.1268	1.1268	1.1268	1.1268

GAS UNIT PRICE  
 GAS UNIT CONSUMPTIO  
 GAS COST PER BURNT

GAS UNIT PRICE	.0581	.0581	.0581	.0581
GAS UNIT CONSUMPTIO	85.0000	85.0000	85.0000	85.0000
GAS COST PER BURNT	4.9372	4.9372	4.9372	4.9372

AIR UNIT PRICE  
 AIR UNIT CONSUMPTIO  
 AIR COST PER BURNT

AIR UNIT PRICE	.0125	.0125	.0125	.0125
AIR UNIT CONSUMPTIO	45.0000	45.0000	45.0000	45.0000
AIR COST PER BURNT	.5626	.5626	.5626	.5626

O2 N2 UNIT PRICE  
 O2 N2 UNIT CONSUMPT  
 O2 N2 COST PER BURN

O2 N2 UNIT PRICE	.0840	.0840	.0840	.0840
O2 N2 UNIT CONSUMPT	.0000	.0000	.0000	.0000
O2 N2 COST PER BURN	.0000	.0000	.0000	.0000

WATER UNIT PRICE  
 WATER UNIT CONSUMPT  
 WATER COST PER BURN

WATER UNIT PRICE	.6093	.6093	.6093	.6093
WATER UNIT CONSUMPT	.0100	.0100	.0100	.0100
WATER COST PER BURN	.0061	.0061	.0061	.0061

SUB TOTAL

SUB TOTAL	6.6326	6.6326	6.6326	6.6326
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VARIABLE COST TOTAL

VARIABLE COST TOTAL	29.7851	29.7851	29.7851	29.7851
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\*\*\*<FIXED COST>\*\*\*

PRODUCTION OF BURNT

PRODUCTION OF BURNT	50,000.0000	50,000.0000	50,000.0000	50,000.0000
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TOTAL LABOR COST FO

TOTAL LABOR COST FO	43,750.0000	43,750.0000	43,750.0000	43,750.0000
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TOTAL DEPRECIATION

TOTAL DEPRECIATION	334,000.0000	334,000.0000	334,000.0000	334,000.0000
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TOTAL SPECIAL REPAI

TOTAL SPECIAL REPAI	74,000.0000	74,000.0000	74,000.0000	74,000.0000
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TOTAL REPAIR COST F	601,000.0000	601,000.0000	601,000.0000	601,000.0000
TOTAL OTHER FIXED C	1085,320.7620	1085321	1085321	1085321
FIXED COST TOTAL	42.7614	42.7614	42.7614	42.7614
GRAND TOTAL	72.5465	72.5465	72.5465	72.5465

SMP COST ACCOUNTING SHEET PHASE 2  
2009                      2010                      2011

2008

\*\*<VARIABLE COST>\*\*

\*\*\*<RAW MATERIALS AND SUPPLIES>\*\*\*

DRI UNIT PRICE	66.9638	66.9638	66.9638	66.9638
DRI UNIT CONSUMPTIO	1.0770	1.0770	1.0770	1.0770
DRI COST PER BILLET	72.1200	72.1200	72.1200	72.1200
SCRAP UNIT PRICE	57.8550	57.8550	57.8550	57.8550
SCRAP UNIT CONSUMPT	.1200	.1200	.1200	.1200
SCRAP COST PER BILL	6.9426	6.9426	6.9426	6.9426
BURNT LIME UNIT PRI	29.7851	29.7851	29.7851	29.7851
BURNT LIME UNIT CON	.0410	.0410	.0410	.0410
BURNT LIME COST PER	1.2212	1.2212	1.2212	1.2212
FLOURSPAR UNIT PRIC	205.9000	205.9000	205.9000	205.9000
FLOURSPAR UNIT CONS	.0020	.0020	.0020	.0020
FLOURSPAR COST PER	.4118	.4118	.4118	.4118
FE-MN UNIT PRICE	357.3600	357.3600	357.3600	357.3600
FE-MN UNIT CONSUMPT	.0140	.0140	.0140	.0140
FE-MN COST PER BILL	5.0030	5.0030	5.0030	5.0030
FE-SI UNIT PRICE	518.8050	518.8050	518.8050	518.8050
FE-SI UNIT CONSUMPT	.0049	.0049	.0049	.0049
FE-SI COST PER BILL	2.5421	2.5421	2.5421	2.5421
AL UNIT PRICE	766.5000	766.5000	766.5000	766.5000
AL UNIT CONSUMPTION	.0001	.0001	.0001	.0001
AL COST PER BILLRT	.0767	.0767	.0767	.0767
COKE BREEZE UNIT PR	97.1250	97.1250	97.1250	97.1250
COKE BREEZE UNIT CO	.0013	.0013	.0013	.0013
COKE BREEZE COST PE	.1263	.1263	.1263	.1263
ELECTRODE UNIT PRIC	2,045.8200	2,045.8200	2,045.8200	2,045.8200
ELECTRODE UNIT CONS	.0041	.0041	.0041	.0041
ELECTRODE COST PER	8.3879	8.3879	8.3879	8.3879
FETTLING MATERIALS	427.0000	427.0000	427.0000	427.0000
FETTLING MATERIALS	.0260	.0260	.0260	.0260
FETTLING MATERIALS	11.1020	11.1020	11.1020	11.1020
FURNACE BRICK UNIT	1,207.0000	1,207.0000	1,207.0000	1,207.0000
FURNACE BRICK UNIT	.0026	.0026	.0026	.0026
FURNACE BRICK COST	3.1382	3.1382	3.1382	3.1382
LADLE BRICK UNIT PR	747.0000	747.0000	747.0000	747.0000
LADLE BRICK UNIT CO	.0030	.0030	.0030	.0030
LADLE BRICK COST PE	2.2410	2.2410	2.2410	2.2410



TUNDISH BRICK UNIT	713.0000	713.0000	713.0000	713.0000	713.0000
TUNDISH BRICK UNIT	.0030	.0030	.0030	.0030	.0030
TUNDISH BRICK COST	2.1390	2.1390	2.1390	2.1390	2.1390
SUB TOTAL	115.4517	115.4517	115.4517	115.4517	115.4517
***<BYPRODUCT>***					
SCRAP UNIT PRICE	57.8550	57.8550	57.8550	57.8550	57.8550
SCRAP UNIT OUTPUT	.0164	.0164	.0164	.0164	.0164
SCRAP MINUS COST PE	.9488	.9488	.9488	.9488	.9488
SUB TOTAL	.9488	.9488	.9488	.9488	.9488
***<UTILITY>***					
ELEC. UNIT PRICE	.0188	.0188	.0188	.0188	.0188
ELEC. UNIT CONSUMPT	731.0000	731.0000	731.0000	731.0000	731.0000
ELEC. COST PER BILL	13.7276	13.7276	13.7276	13.7276	13.7276
GAS UNIT PRICE	.0581	.0581	.0581	.0581	.0581
GAS UNIT CONSUMPTIO	4.0500	4.0500	4.0500	4.0500	4.0500
GAS COST PER BILLE	.2352	.2352	.2352	.2352	.2352
AIR UNIT PRICE	.0125	.0125	.0125	.0125	.0125
AIR UNIT CONSUMPTIO	7.8600	7.8600	7.8600	7.8600	7.8600
AIR COST PER BILLET	.0983	.0983	.0983	.0983	.0983
O2 N2 UNIT PRICE	.0840	.0840	.0840	.0840	.0840
O2 N2 UNIT CONSUMPT	4.0800	4.0800	4.0800	4.0800	4.0800
O2 N2 COST PER BILL	.3427	.3427	.3427	.3427	.3427
WATER UNIT PRICE	.6093	.6093	.6093	.6093	.6093
WATER UNIT CONSUMPT	2.1400	2.1400	2.1400	2.1400	2.1400
WATER COST PER BILL	1.3040	1.3040	1.3040	1.3040	1.3040
SUB TOTAL	15.7078	15.7078	15.7078	15.7078	15.7078
VARIABLE COST TOTA	130.2107	130.2107	130.2107	130.2107	130.2107
*<FIXED COST>*					
PRODUCTION OF BILLE	1231.000.0000	1231000	1231000	1231000	1231000
TOTAL LABOR COST FO	1275.230.0000	1275230	1275230	1275230	1275230
TOTAL DEPRECIATION	9621.600.0000	9621600	9621600	9621600	9621600
TOTAL REPAIR COST F11711.000.0000	11711000	11711000	11711000	11711000	11711000
TOTAL PRECEEDING PR19686.423.4640	19686423	19686423	19686423	19686423	19686423
TOTAL OTHER FIXED C 1143.597.4420	1143597	1143597	1143597	1143597	1143597
FIXED COST TOTAL	35.2866	35.2866	35.2866	35.2866	35.2866
GRAND TOTAL	165.4973	165.4973	165.4973	165.4973	165.4973

BMP COST ACCOUNTING SHEET PHASE 2  
2009 2010 2011

2008

\*\*<VARIABLE COST>\*\*  
\*\*\*<RAW MATERIALS>\*\*\*

BILLET UNIT PRICE	130.2107	130.2107	130.2107	130.2107
BILLET UNIT CONSUMPT	1.0420	1.0420	1.0420	1.0420
BILLET COST PER BAR	135.6795	135.6795	135.6795	135.6795
SUB TOTAL	135.6795	135.6795	135.6795	135.6795

\*\*\*<BYPRODUCT>\*\*\*

SCRAP UNIT PRICE	57.8550	57.8550	57.8550	57.8550
SCRAP UNIT OUTPUT	.0260	.0260	.0260	.0260
SCRAP MINUS COST PE	1.5042	1.5042	1.5042	1.5042
SUB TOTAL	1.5042	1.5042	1.5042	1.5042

\*\*\*<UTILITY>\*\*\*

ELEC. UNIT PRICE	.0188	.0188	.0188	.0188
ELEC. UNIT CONSUMPT	86.0000	86.0000	86.0000	86.0000
ELEC. COST PER BAR	1.6150	1.6150	1.6150	1.6150

GAS UNIT PRICE  
GAS UNIT CONSUMPTIO  
GAS COST PER BAR

GAS UNIT PRICE	.0581	.0581	.0581	.0581
GAS UNIT CONSUMPTIO	29.5000	29.5000	29.5000	29.5000
GAS COST PER BAR	1.7135	1.7135	1.7135	1.7135

AIR UNIT PRICE  
AIR UNIT CONSUMPTIO  
AIR COST PER BAR

AIR UNIT PRICE	.0125	.0125	.0125	.0125
AIR UNIT CONSUMPTIO	19.3000	19.3000	19.3000	19.3000
AIR COST PER BAR	.2413	.2413	.2413	.2413

O2 N2 UNIT PRICE  
O2 N2 UNIT CONSUMPT  
O2 N2 COST PER BAR

O2 N2 UNIT PRICE	.0840	.0840	.0840	.0840
O2 N2 UNIT CONSUMPT	.0000	.0000	.0000	.0000
O2 N2 COST PER BAR	.0000	.0000	.0000	.0000

WATER UNIT PRICE  
WATER UNIT CONSUMPT  
WATER COST PER BAR

WATER UNIT PRICE	.6093	.6093	.6093	.6093
WATER UNIT CONSUMPT	.6882	.6882	.6882	.6882
WATER COST PER BAR	.4193	.4193	.4193	.4193

SUB TOTAL

SUB TOTAL	3.9891	3.9891	3.9891	3.9891
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VARIABLE COST TOTA

VARIABLE COST TOTA	138.1644	138.1644	138.1644	138.1644
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\*\*<FIXED COST>\*\*

PRODUCTION OF BAR	427,000.0000	427,000.0000	427,000.0000	427,000.0000
TOTAL LABOR COST FO	322,805.0000	322,805.0000	322,805.0000	322,805.0000
TOTAL DEPRECIATION	1727,200.0000	1727,200.0000	1727,200.0000	1727,200.0000
TOTAL REPAIR COST F	2674,000.0000	2674,000.0000	2674,000.0000	2674,000.0000

TOTAL PRECEDING PRI 16560.680.6579	16560681	16560681	16560681
TOTAL OTHER FIXED C 1098403.2820	1098403	1098403	1098403
FIXED COST TOTAL	52.4194	52.4194	52.4194
GRAND TOTAL	190.5838	190.5838	190.5838

RMP COST ACCOUNTING SHEET PHASE 2

2008

2009

2010

2011

\*<VARIABLE COST>\*\*\*

\*\*\*<RAW MATERIALS>\*\*\*\*

BILLET UNIT PRICE  
BILLET UNIT CONSUMPT  
BILLET COST PER ROD

130.2107	130.2107	130.2107	130.2107
1.0310	1.0310	1.0310	1.0310
134.2472	134.2472	134.2472	134.2472

SUB TOTAL

134.2472	134.2472	134.2472	134.2472
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\*\*\*<BYPRODUCT>\*\*\*\*

SCRAP UNIT PRICE  
SCRAP UNIT OUPUT  
SCRAP MINJS COST PE

57.8550	57.8550	57.8550	57.8550
.0150	.0150	.0150	.0150
.8678	.8678	.8678	.8678

SUB TOTAL

.8678	.8678	.8678	.8678
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\*\*\*<UTILITY>\*\*\*\*

ELEC. UNIT PRICE  
ELEC. UNIT CONSUMPT  
ELEC. COST PER ROD

.0188	.0188	.0188	.0188
131.0000	131.0000	131.0000	131.0000
2.4601	2.4601	2.4601	2.4601

GAS UNIT PRICE

GAS UNIT CONSUMPTIO  
GAS COST PER ROD

.0581	.0581	.0581	.0581
31.3000	31.3000	31.3000	31.3000
1.8180	1.8180	1.8180	1.8180

AIR UNIT PRICE

AIR UNIT CONSUMPTIO  
AIR COST PER ROD

.0125	.0125	.0125	.0125
25.0000	25.0000	25.0000	25.0000
.3126	.3126	.3126	.3126

O2 N2 UNIT PRICE

O2 N2 UNIT CONSUMPT  
O2 N2 COST PER ROD

.0840	.0840	.0840	.0840
.0000	.0000	.0000	.0000
.0000	.0000	.0000	.0000

WATER UNIT PRICE

WATER UNIT CONSUMPT  
WATER COST PER ROD

.6093	.6093	.6093	.6093
.8000	.8000	.8000	.8000
.4875	.4875	.4875	.4875

SUB TOTAL

5.0782	5.0782	5.0782	5.0782
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VARIABLE COST TOTA

138.4575	138.4575	138.4575	138.4575
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\*<FIXED COST>\*\*\*

PRODUCTION OF ROD

693,000.0000	693,000.0000	693,000.0000	693,000.0000
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TOTAL LABOR COST FO

331,605.0000	331,605.0000	331,605.0000	331,605.0000
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TOTAL DEPRECIATION

2971,800.0000	2971,800	2971,800	2971,800
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TOTAL REPAIR COST F

2928,000.0000	2928000	2928000	2928000
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TOTAL PRECEDINGS PR26877,170.2481	26877170	26877170	26877170
TOTAL OTHER FIXED C 1098,799.7220	1098800	1098800	1098800
FIXED COST TOTAL	49.3613	49.3613	49.3613
GRAND TOTAL	187.8188	187.8188	187.8188

INPUT: QUIT

Table 9-20 Manufacturing Cost (Case III: With Expansion)

DRP COST ACCOUNTING SHEET PHASE 2							
	1987	1988	1989	1990	1991	1992	1993
*<VARIABLE COST>**							
***<RAW MATERIALS>***							
PELLET UNIT PRICE	34.1650	34.1650	34.1650	34.1650	34.1650	34.1650	34.1650
PELLET UNIT CONSUMP	1.0150	1.0150	1.0150	1.0150	1.0150	1.0150	1.0150
PELLET COST PER DRI	34.6775	34.6775	34.6775	34.6775	34.6775	34.6775	34.6775
IRON ORE UNIT PRICE	32.2950	32.2950	32.2950	32.2950	32.2950	32.2950	32.2950
IRON ORE UNIT CONSU	.4350	.4350	.4350	.4350	.4350	.4350	.4350
IRON ORE COST PER D	14.0483	14.0483	14.0483	14.0483	14.0483	14.0483	14.0483
B. LIME UNIT PRICE	30.4148	29.6969	29.6247	29.6231	29.6231	28.7478	28.2641
B. LIME UNIT CONSUM	.0007	.0007	.0007	.0007	.0007	.0007	.0007
B. LIME COST PER DR	.0213	.0208	.0207	.0207	.0207	.0201	.0198
SUB TOTAL	48.7471	48.7466	48.7465	48.7465	48.7465	48.7459	48.7456
***<BYPRODUCT>***							
OXIDE FINE UNIT PRI	11.0000	11.0000	11.0000	11.0000	11.0000	11.0000	11.0000
OXIDE FINE UNIT OUT	.0450	.0450	.0450	.0450	.0450	.0450	.0450
FINE MINUS COST PER	.4950	.4950	.4950	.4950	.4950	.4950	.4950
SUB TOTAL	.4950	.4950	.4950	.4950	.4950	.4950	.4950
***<UTILITY>***							
ELEC. UNIT PRICE	.0219	.0209	.0207	.0207	.0207	.0199	.0194
ELEC. UNIT CONSUMPT	110.0000	110.0000	110.0000	110.0000	110.0000	110.0000	110.0000
ELEC. COST PER DRI	2.4040	2.2935	2.2787	2.2786	2.2786	2.1883	2.1353
GAS UNIT PRICE	.0387	.0385	.0385	.0385	.0385	.0383	.0382
GAS UNIT CONSUMPTIO	270.0000	270.0000	270.0000	270.0000	270.0000	270.0000	270.0000
GAS COST PER DRI	10.4379	10.4076	10.4065	10.4065	10.4065	10.3440	10.3256
AIR UNIT PRICE	.0277	.0202	.0194	.0194	.0194	.0167	.0153
AIR UNIT CONSUMPTIO	7.0000	7.0000	7.0000	7.0000	7.0000	7.0000	7.0000
AIR COST PER DRI	.1939	.1411	.1359	.1358	.1358	.1170	.1070
O2 N2 UNIT PRICE	.1854	.1570	.1534	.1534	.1534	.1131	.0985
O2 N2 UNIT CONSUMPT	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
O2 N2 COST PER DRI	.1854	.1570	.1534	.1534	.1534	.1131	.0985
MATER UNIT PRICE	.7893	.6841	.6728	.6728	.6728	.9457	.8291
MATER UNIT CONSUMPT	1.3000	1.3000	1.3000	1.3000	1.3000	1.3000	1.3000
MATER COST PER DRI	1.0261	.8893	.8746	.8746	.8746	1.2294	1.0779
SUB TOTAL	14.2472	13.8885	13.8491	13.8489	13.8489	13.9917	13.7443
VARIABLE COST T	62.4993	62.1401	62.1007	62.1004	62.1004	62.2426	61.9949
*<FIXED COST>**							

PRODUCTION OF DRI	845,000.0000	716,000.0000	716,000.0000	716,000.0000	716,000.0000	1119000	1327000
TOTAL LABOR COST FO	106,266.6667	79,700.0000	79,700.0000	79,700.0000	79,700.0000	172,680.0000	172,680.0000
TOTAL DEPRECIATION	768,000.0000	5743500	5743500	5743500	5743500	11173500	12984500
TOTAL SPECIAL REPAIR	2000,000.0000	1500000	1500000	1500000	1500000	2200000	2200000
TOTAL REPAIR COST F	3444,000.0000	2583000	2583000	2583000	2583000	4980000	4980000
TOTAL OTHER FIXED C	1210,385.2624	910,538.8580	910,538.8580	910,538.8580	910,538.8580	1225773	1225773
FIXED COST TOTA	17.0635	15.1072	15.1072	15.1072	15.1072	17.6514	16.2494
GRAND TOTAL	79.5628	77.2473	77.2079	77.2076	77.2076	79.8941	78.2443

LCP COST ACCOUNTING SHEET PHASE 2

	1987	1988	1989	1990	1991	1992	1993
*<VARIABLE COST>***							
***<RAW MATERIALS>***							
LIME STONE UNIT PRI	12.0000	12.0000	12.0000	12.0000	12.0000	12.0000	12.0000
LIME STONE UNIT CON	1.9800	1.9800	1.9800	1.9800	1.9800	1.9800	1.9800
LIME STONE COST PER	23.7600	23.7600	23.7600	23.7600	23.7600	23.7600	23.7600
SUB TOTAL	23.7600	23.7600	23.7600	23.7600	23.7600	23.7600	23.7600
***<BYPRODUCT>***							
LIME FINE UNIT PRIC	2.2500	2.2500	2.2500	2.2500	2.2500	2.2500	2.2500
LIME FINE UNIT OUTP	.2700	.2700	.2700	.2700	.2700	.2700	.2700
LIME FINE MINUS COS	.6075	.6075	.6075	.6075	.6075	.6075	.6075
SUB TOTAL	.6075	.6075	.6075	.6075	.6075	.6075	.6075
***<UTILITY>***							
ELEC. UNIT PRICE	.0219	.0209	.0207	.0207	.0207	.0199	.0194
ELEC. UNIT CONSUMPT	65.0000	65.0000	65.0000	65.0000	65.0000	62.0000	60.0000
ELEC. COST PER BURN	1.4205	1.3553	1.3465	1.3465	1.3465	1.2334	1.1647
GAS UNIT PRICE	.0387	.0385	.0385	.0385	.0385	.0383	.0382
GAS UNIT CONSUMPTIO	90.0000	90.0000	90.0000	90.0000	90.0000	87.0000	85.0000
GAS COST PER BURNT	3.4793	3.4692	3.4688	3.4688	3.4688	3.3331	3.2507
AIR UNIT PRICE	.0277	.0202	.0194	.0194	.0194	.0167	.0153
AIR UNIT CONSUMPTIO	85.0000	85.0000	85.0000	85.0000	85.0000	61.0000	45.0000
AIR COST PER BURNT	2.3546	1.7131	1.6501	1.6486	1.6486	1.0193	.6880
O2 N2 UNIT PRICE	.1854	.1570	.1534	.1534	.1534	.1131	.0985
O2 N2 UNIT CONSUMPT	.0000	.0000	.0000	.0000	.0000	.0000	.0000
O2 N2 COST PER BURN	.0000	.0000	.0000	.0000	.0000	.0000	.0000
WATER UNIT PRICE	.7893	.6841	.6728	.6728	.6728	.9457	.8291
WATER UNIT CONSUMPT	.0100	.0100	.0100	.0100	.0100	.0100	.0100
WATER COST PER BURN	.0079	.0068	.0067	.0067	.0067	.0095	.0083
SUB TOTAL	7.2623	6.5444	6.4722	6.4706	6.4706	5.5953	5.1116
VARIABLE COST TOTAL	30.4148	29.6969	29.6247	29.6231	29.6231	28.7478	28.2641
*<FIXED COST>***							
PRODUCTION OF BURNT	37,000.0000	33,000.0000	34,000.0000	34,000.0000	34,000.0000	44,000.0000	50,000.0000
TOTAL LABOR COST FO	54,320.0000	40,740.0000	40,740.0000	40,740.0000	40,740.0000	43,750.0000	43,750.0000
TOTAL DEPRECIATION	891,700.0000	668,800.0000	668,800.0000	668,800.0000	668,800.0000	668,800.0000	668,800.0000
TOTAL SPECIAL REPAI	80,000.0000	60,000.0000	60,000.0000	60,000.0000	60,000.0000	74,000.0000	74,000.0000



TOTAL REPAIR COST F	400,000.0000	300,000.0000	300,000.0000	300,000.0000	300,000.0000	300,000.0000	300,000.0000	300,000.0000	300,000.0000
TOTAL OTHER FIXED C	1208,051.2300	908,788.3280	908,788.3280	908,788.3280	908,788.3280	908,788.3280	908,788.3280	908,788.3280	908,788.3280
FIXED COST TOTAL	71.1911	59,9493	58,1861	58,1861	58,1861	58,1861	58,1861	52,4512	46,1394
GRAND TOTAL	101.6059	89.6462	87.8108	87.8092	87.8092	87.8092	87.8092	81.1789	74.4035

SMP COST ACCOUNTING SHEET PHASE 2

	1987	1988	1989	1990	1991	1992	1993
*<VARIABLE COST>***							
***<RAM MATERIALS AND SUPPLIES>***							
DRI UNIT PRICE	62.4993	62.1401	62.1007	62.1004	62.1004	62.2426	61.9949
DRI UNIT CONSUMPTIO	.9470	.8970	.8720	.8720	.8720	1.0330	1.0770
DRI COST PER BILLET	59.1869	55.7397	54.1518	54.1516	54.1516	64.2967	66.7685
SCRAP UNIT PRICE	57.8550	57.8550	57.8550	57.8550	57.8550	57.8550	57.8550
SCRAP UNIT CONSUMPT	.2370	.2810	.3040	.3040	.3040	.1590	.1200
SCRAP COST PER BILL	13.7116	16.2573	17.5879	17.5879	17.5879	9.1989	6.9426
BURNT LIME UNIT PRI	30.4148	29.6969	29.6247	29.6231	29.6231	28.7478	28.2641
BURNT LIME UNIT CON	.0410	.0410	.0410	.0410	.0410	.0410	.0410
BURNT LIME COST PER	1.2470	1.2176	1.2146	1.2145	1.2145	1.1787	1.1588
FLOURSPAR UNIT PRIC	205.9000	205.9000	205.9000	205.9000	205.9000	205.9000	205.9000
FLOURSPAR UNIT CONS	.0020	.0020	.0020	.0020	.0020	.0020	.0020
FLOURSPAR COST PER	.4118	.4118	.4118	.4118	.4118	.4118	.4118
FE-MN UNIT PRICE	357.3600	357.3600	357.3600	357.3600	357.3600	357.3600	357.3600
FE-MN UNIT CONSUMPT	.0140	.0140	.0140	.0140	.0140	.0140	.0140
FE-MN COST PER BILL	5.0030	5.0030	5.0030	5.0030	5.0030	5.0030	5.0030
FE-SI UNIT PRICE	518.8050	518.8050	518.8050	518.8050	518.8050	518.8050	518.8050
FE-SI UNIT CONSUMPT	.0049	.0049	.0049	.0049	.0049	.0049	.0049
FE-SI COST PER BILL	2.5421	2.5421	2.5421	2.5421	2.5421	2.5421	2.5421
AL UNIT PRICE	766.5000	766.5000	766.5000	766.5000	766.5000	766.5000	766.5000
AL UNIT CONSUMPTION	.0001	.0001	.0001	.0001	.0001	.0001	.0001
AL COST PER BILLRT	.0767	.0767	.0767	.0767	.0767	.0767	.0767
COKE BREEZE UNIT PR	97.1250	97.1250	97.1250	97.1250	97.1250	97.1250	97.1250
COKE BREEZE UNIT CO	.0013	.0013	.0013	.0013	.0013	.0013	.0013
COKE BREEZE COST PE	.1263	.1263	.1263	.1263	.1263	.1263	.1263
ELECTRODE UNIT PRIC	2,045.8200	2,045.8200	2,045.8200	2,045.8200	2,045.8200	2,045.8200	2,045.8200
ELECTRODE UNIT CONS	.0041	.0041	.0041	.0041	.0041	.0041	.0041
ELECTRODE COST PER	8.3879	8.3879	8.3879	8.3879	8.3879	8.3879	8.3879
FETTLING MATERIALS	427.0000	427.0000	427.0000	427.0000	427.0000	427.0000	427.0000
FETTLING MATERIALS	.0260	.0260	.0260	.0260	.0260	.0260	.0260
FETTLING MATERIALS	11.1020	11.1020	11.1020	11.1020	11.1020	11.1020	11.1020
FURNACE BRICK UNIT	1,207.0000	1,207.0000	1,207.0000	1,207.0000	1,207.0000	1,207.0000	1,207.0000
FURNACE BRICK UNIT	.0026	.0026	.0026	.0026	.0026	.0026	.0026
FURNACE BRICK COST	3.1382	3.1382	3.1382	3.1382	3.1382	3.1382	3.1382
LADLE BRICK UNIT PR	747.0000	747.0000	747.0000	747.0000	747.0000	747.0000	747.0000
LADLE BRICK UNIT CO	.0030	.0030	.0030	.0030	.0030	.0030	.0030
LADLE BRICK COST PE	2.2410	2.2410	2.2410	2.2410	2.2410	2.2410	2.2410