

INTERNATIONAL SMELTING AND REFINING COMPANY

ZINC OXIDE DEPARTMENT

EAST CHICAGO, INDIANA

ANNUAL REPORT

YEAR 1943

PNYC 00012486

N11182

INTERNATIONAL SMELTING AND REFINING COMPANY

EAST CHICAGO, INDIANA

SUMMARY OF ZINC OXIDE DEPARTMENT OPERATIONS

YEAR 1943

OPERATIONS:

The French retort furnace operated only one 18 retort unit for 118 furnace days during the year in campaigns of about 45 days each. A total of 1,197.5 tons of electrolytic zinc was charged at an average working cost of \$32.766 per ton exclusive of major repairs, depreciation and packing costs, and including the retroactive pay adjustment amounting to \$0.321 per ton. The metal loss was 3.28% for the year on the French Furnace operation.

The Muffle Furnace was operated 183 furnace days producing zinc oxide and 279 days on slab zinc. A total of 2,611.5 tons of scrap was charged for zinc oxide production, and 4,065.4 tons of scrap for slab zinc production. The average working cost was \$24.247 per ton of scrap charged for oxide, exclusive of depreciation, major repairs and packing costs, and including the retroactive pay adjustment amounting to \$0.238 per ton. The average working cost on slab zinc was \$28.873 per ton of scrap charged, exclusive of depreciation, major repairs and packing costs, and including the retroactive pay adjustment amounting to \$0.311 per ton. The metal loss was 1.84% on zinc oxide operations and a gain of 0.98% was shown for slab zinc operations.

The American Process operations consisted of the operation of one six-door unit for the entire year. A total of 1,855.0 tons of zinc-bearing material was treated with a loss of 13.27% for the year. The average working cost was \$37.514 per ton exclusive of depreciation, major repairs and packing costs, and including the retroactive pay adjustment amounting to \$0.522 per ton.

LABOR:

Under date of September 6th, 1943, the National War Labor Board ordered an increase in pay for hourly workers on the following basis:

Rate of 72¢ to be increased 5¢ per hour
Rates of 73¢ to 79¢ to be increased 4¢ per hour
Rates of 80¢ or over to be increased 3¢ per hour

This increase was made retroactive to December 15th, 1942

The number of employees on an hourly basis varied from a minimum of 56 for July to a maximum of 79 in January.

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Sheet #2 - Summary of Zinc Oxide Department Operations - Year 1943

A summary of the average number employed and the average hours per week of employment is given below:

<u>Type of Employment</u>	<u>Avg. No. Employed</u>	<u>Avg. Hours Per Week</u>
Pay Roll Labor	67	43.4
Salaried Employees	30	40.0

LABOR SHORTAGE

The critical labor shortage presented a serious problem throughout the year. It became necessary to start hiring women late in 1943, and as the labor shortage became more acute, it was necessary to resort to the employment of colored women. By December, 1943 30% of the total operating force was made up of women and 57% of these women were colored. The employment of this type of labor has reduced the efficiency of all operations.

APPROPRIATIONS:

A total of \$762.31 was spent on appropriations in 1943 to construct a concrete dock and wooden bins for the storage of scrap zinc materials.

OPERATING COSTS:

The working cost for the entire plant for the year 1943 was \$42.220 per ton of material charged, exclusive of depreciation and major repairs, and including the retroactive pay adjustment amounting to \$0.453 per ton.

A total of 10,485,978 pounds of zinc oxide and 3,591,614 pounds of zinc slabs were shipped excluding the by-products from the secondary metal operations that were sold.

ZINC MATERIALS PURCHASED:

We purchased 1,505.0 tons of electrolytic zinc at an average cost of 8.279¢ per pound and 6,959.7 tons of secondary metals at an average of 6.536¢ per pound of zinc contained. The East St. Louis prime western zinc price was unchanged for the entire year of 1943 at 8.25¢ per pound.

njh 2/11/44

cc: Mr. J. R. Hobbins
Mr. R. E. Dwyer
Mr. F. Laist✓


Plant Manager

TREATMENT-PRODUCTION-SHIPMENTS

YEAR 1943

EAST CHICAGO PLANT

TOTAL ZINC BEARING MATERIAL CHARGED

METALLIC
ZINC POUNDS

Electrolytic Zinc	2,394,887
Low Zinc Residue	3,460
Great Falls Dross	2,020,710
Galvanizer's Zinc Dross	175,461
Die Cast Dross	520,451
Remelt Zinc	1,130,408
Prime Western Spelter	295,565
Die Cast Slabs	952,598
Die Cast Scrap	3,160,877
Scrap Zinc	647,980
Zinc Clips	145,085
Zinc Oxide (Monsanto)	272,516
Zinc Oxide (Federated)	73,705
Zinc Ore (American Zinc Co.)	91,543
Zinc Skimmings	80,131
Total	<u>11,945,577</u>

TOTAL MATERIAL REMIXED

Gross Lbs.

Zinc Skimmings	473,187
Sublimed White Lead (National)	591,625
Zinc Oxide (Monsanto)	3,550
Zinc Oxide (American Zinc Sales Co.)	90,000
Zinc Oxide (New Jersey Zinc Sales Co.)	499,950
Total	<u>1,658,312</u>

On Hand December 31st, 1943 -- Zinc Oxide	1,602,800
Slab Zinc	488,800

SHIPMENTS

Zinc Oxide - Merchantable	10,485,978
Slab Zinc	3,591,614
Treated Zinc Residue	311,718
Muffle Dross	1,715,195
Lead Tin Alloy	177,775
Iron Dross	795,775
Refuse Oxide	347,938
Clinkers	201,150

17,627,144
19,718,144
2,127,350
185,280
17,425,514

On Hand January 1st, 1943 -- Zinc Oxide
Slab Zinc

PRODUCTION

Zinc Oxide - Merchantable-For Trade	9,961,428
Slab Zinc	3,914,534
Treated Zinc Residue	311,718
Muffle Dross	1,715,195
Lead Tin Alloy	177,775
Iron Dross	795,775
Refuse Oxide	347,938
Clinkers	201,150

17,425,514

PNYC 00012489

OUTCOME OF NEW MATERIAL

YEAR 1945

<u>FRENCH PROCESS</u>	<u>EAST CHICAGO PLANT</u>	
	TONS	%
Tons Charged as Zinc	<u>1,197.5</u>	<u>100.00</u>
<u>Recovered as Zinc</u>		
Merchantable Oxide	1,013.2	84.61
Off Grade Oxide	145.0	12.11
Difference in Process beginning and end	-	-
Metal Loss	<u>39.3</u>	<u>3.28</u>
<u>MUFFLE FURNACES (ZINC OXIDE OPERATIONS)</u>		
Tons Charged as Zinc	<u>2,129.8</u>	<u>100.00</u>
<u>Recovered as Zinc</u>		
Merchantable Oxide	1,167.6	54.85
Off Grade Oxide	187.9	8.83
Other Residue and Riser Metal	507.5	23.84
Muffle Dross	232.0	10.90
Difference in Process beginning and end	5.6	.26
Metal Loss	<u>39.4</u>	<u>1.84</u>
<u>MUFFLE FURNACES (SLAB ZINC OPERATIONS)</u>		
Tons Charged as Zinc	<u>2,674.2</u>	<u>100.00</u>
<u>Recovered as Zinc</u>		
Slab Zinc	1,930.6	72.19
Off Grade Oxide	134.8	5.04
Treated Zinc Residue	29.9	1.12
Other Residue and Riser Metal	375.0	14.02
Muffle Dross	239.0	8.94
Difference in Process beginning and end	8.9	.33
Metal Loss	<u>22.2</u>	<u>.83</u>
<u>AMERICAN PROCESS</u>		
Tons Charged as Zinc	<u>1,435.5</u>	<u>100.00</u>
<u>Recovered as Zinc</u>		
Merchantable Oxide	1,057.6	73.78
Off Grade Oxide	144.8	10.10
Clinkers	29.7	2.07
Difference in Process beginning and end	11.2	.78
Metal Loss	<u>190.2</u>	<u>13.27</u>
<u>ROTARY CALCINER</u>		
Tons Charged as Zinc	<u>181.5</u>	<u>100.00</u>
<u>Recovered as Zinc</u>		
Merchantable Oxide	89.1	49.09
Treated Monsanto Oxide	33.8	18.62
Treated Federated Oxide	35.3	19.45
Off Grade Oxide	22.5	12.40
Metal Loss	<u>.8</u>	<u>.44</u>

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ZINC OXIDE OPERATIONS

WORKING COST PER TON MATERIAL CHARGED

YEAR 1943

EAST CHICAGO PLANT

	<u>ENTIRE PLANT</u>		<u>FURNACING AND COLLECTING</u>		<u>MUFFLE FURNACE</u>		<u>AMERICAN PROCESS</u>		<u>ROTARY CALCINER</u>	
	<u>TONS</u>	<u>PER TON</u>	<u>TONS</u>	<u>PER TON</u>	<u>TONS</u>	<u>PER TON</u>	<u>TONS</u>	<u>PER TON</u>	<u>TONS</u>	<u>PER TON</u>
January	966.6	\$28.793	295.4	\$19.978	459.8	\$20.333	162.1	\$37.277	49.3	\$ 7.443
February	439.7	36.751	4.5	435.699	279.0	17.415	156.2	35.817	-	-
March	421.3	42.276	-	-	273.1	20.713	148.2	41.132	-	-
April	423.1	43.749	-	-	201.8	24.068	160.8	34.136	60.5	12.665
May	512.2	39.268	155.7	26.207	198.2	24.133	158.3	35.320	-	-
June	429.8	45.032	276.9	20.221	-	-	152.9	35.415	-	-
July	283.0	55.615	-	-	145.0	31.831	138.0	41.305	-	-
August	502.0	52.463	170.8	24.636	166.4	29.469	164.8	33.348	-	-
September	450.3	63.819	294.2	21.826	-	-	156.1	35.431	-	-
October	548.2	34.832	-	-	339.2	20.802	136.5	40.856	72.5	5.685
November	241.1	63.840	-	-	87.2	41.558	144.0	41.522	9.9	34.398
December	689.3	31.370	-	-	461.8	21.264	177.1	34.494	50.4	6.562
Total	5,906.6		1,197.5		2,611.5		1,855.0		242.6	
Average per Month	492.2	41.767	99.8	32.465	217.6	24.009	154.6	36.992	20.2	9.717
Portion of Packing Exp. Retroactive		-		27.684		7.468		10.965		7.636
Pay Roll		.453		.321		.238		.522		-
Major Repairs		.187		-		.423		-		-
Depreciation		3.427		4.332		2.821		3.578		4.345
GRAND TOTAL		\$45.834		\$64.802		\$34.959		\$52.057		\$21.698

PNYC 00012491

WORKING AND PRODUCTION COST

YEAR 1943

SLAB ZINC OPERATIONS

EAST CHICAGO PLANT

	<u>TONS MATERIAL CHARGED</u>	<u>PER TON ZINC CHARGED</u>	<u>PER LB. ZINC PRODUCED</u>	<u>TOTAL OPER. ZINC COST ON TOTAL PRODUCTION</u>
January	155.7	\$ 31.634	2.880¢	6.839¢
February	494.7	19.736	1.780	9.228
March	456.4	20.733	2.284	8.121
April	513.9	26.678	3.736	8.439
May	386.1	18.003	1.740	8.005
June	506.5	16.447	1.610	8.778
July	472.5	20.560	2.185	9.452
August	288.7	21.627	2.716	8.029
September	233.9	30.616	4.122	10.869
October	179.3	34.279	4.887	10.882
November	507.2	20.588	1.765	8.672
December	70.5	59.703	5.708	8.368
Total	4,065.4			
Average	338.8	\$ 22.562	2.343¢	8.758¢
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Retroactive				
Pay Roll		.311	.032	
Major Repairs		None	None	
Depreciation		2.069	.215	
GRAND TOTAL		\$ 24.942	2.590¢	
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PNYC 00012482

WORKING COST PER TON MATERIAL CHARGED

YEAR 1943

EAST CHICAGO PLANT

COST OF PORTION OF MAJOR ITEMS

	<u>ENTIRE PLANT</u>		<u>FRENCH FURNACE</u>		<u>MUFFLE FURNACES (ZINC OXIDE)</u>		<u>MUFFLE FURNACES (METAL)</u>		<u>AMERICAN PROCESS</u>		<u>ROTARY CALCINER</u>	
	<u>AMOUNT</u>	<u>% COST</u>	<u>AMOUNT</u>	<u>% COST</u>	<u>AMOUNT</u>	<u>% COST</u>	<u>AMOUNT</u>	<u>% COST</u>	<u>AMOUNT</u>	<u>% COST</u>	<u>AMOUNT</u>	<u>% COST</u>
Pay Roll -												
Direct	\$ 96,300.55	28.04	\$12,746.56	17.60	\$22,758.82	27.12	\$ 29,713.69	31.95	\$29,392.23	32.68	\$1,689.25	40.13
Salaries -												
Direct	19,888.21	5.79	6,129.54	8.46	3,649.87	4.35	3,237.79	3.48	6,623.86	7.37	247.15	5.87
Fuel Oil	36,876.95	10.74	5,124.08	7.08	11,942.13	14.23	19,810.74	21.30				
Hard Coal	13,774.87	4.01							13,774.87	15.32		
Coke	849.42	.25							849.42	.94		
Carborundum												
Retorts	657.18	.19	657.18	.91								
Muslin	3,924.99	1.14	448.90	.65	1,766.39	2.10			1,689.70	1.88		
Barrels	14,250.69	4.15	14,250.69	19.69								
Fibre Drums	8,429.45	2.45	8,429.45	11.64								
Liners	1,041.86	.30	1,041.86	1.44								
Bags	8,535.76	2.49	2,197.10	3.03	3,165.91	3.77			2,868.02	3.19	304.73	7.24
Elec. Power	12,066.36	3.51	2,261.04	3.12	2,110.74	2.51	2,425.99	2.61	5,218.37	5.80	50.22	1.19
Taxes - All	7,740.66	2.25	1,935.16	2.67	1,935.16	2.31	1,935.16	2.08	1,935.18	2.15		
Insurance-All	5,280.46	1.54	1,320.12	1.82	1,320.12	1.57	1,320.12	1.42	1,320.10	1.47		
Other	113,855.24	33.15	15,852.03	21.89	35,280.79	42.04	34,547.39	37.16	26,256.64	29.20	1,918.39	45.57
	<u>\$343,472.65</u>	<u>100.00</u>	<u>\$72,413.71</u>	<u>100.00</u>	<u>\$83,929.93</u>	<u>100.00</u>	<u>\$ 92,990.88</u>	<u>100.00</u>	<u>\$89,928.39</u>	<u>100.00</u>	<u>\$4,209.74</u>	<u>100.00</u>
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Depreciation	28,655.16		5,187.35		7,366.22		8,410.22		6,637.20		1,054.17	
GRAND TOTAL	<u>\$372,127.81</u>		<u>\$77,601.06</u>		<u>\$91,296.15</u>		<u>\$101,401.10</u>		<u>\$96,565.59</u>		<u>\$5,263.91</u>	
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PNYC 00012493

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ZINC OXIDE OPERATIONS

DEPARTMENTAL OPERATING COST PER POUND OXIDE

YEAR 1943

EAST CHICAGO PLANT

	<u>ENTIRE PLANT</u>	<u>FURNACING AND COLLECTING</u>	<u>PACKING</u>	<u>MUFFLE</u>	<u>AMERICAN PROCESS</u>	<u>ROTARY CALCINER</u>	<u>TOTAL OPER. AND ZINC COST ON TOTAL PROD.</u>
January	1.940	.953	.421	2.281	2.651	.524	9.217
February	1.856	4.192	.307	1.635	3.263	-	8.772
March	3.122	-	.580	1.925	2.499	-	9.084
April	1.801	-	.627	1.945	2.368	.714	8.185
May	2.669	1.424	.603	2.404	2.552	-	9.446
June	2.130	.908	.687	-	2.207	-	9.008
July	4.072	-	.772	3.160	2.914	-	11.047
August	3.363	1.438	1.404	2.220	3.324	-	9.606
September	3.122	.980	1.217	-	2.495	-	10.961
October	2.535	-	.391	2.013	2.365	.403	9.264
November	3.615	-	.566	4.069	2.452	2.850	8.816
December	1.921	-	.319	1.514	2.668	.356	7.512
Average	2.477	1.542	.639	2.159	2.608	.591	9.118

Portion of Packing Exp.	-	1.315	-	.671	.773	.464	
Retroactive Payroll	.027	.015	.006	.021	.037	-	
Major Repairs	.011	-	-	.038	-	-	
Depreciation	.203	.206	-	.254	.252	.264	
TOTAL	2.718	3.078	.645	3.143	3.670	1.319	

PNYC 00012494

COST OF ZINC MATERIAL PURCHASED

YEAR 1943

EAST CHICAGO PLANT

	<u>ELECTROLYTIC ZINC</u>		<u>SECONDARY ZINC</u>		<u>TOTAL</u>	
	<u>Pounds</u> <u>Gross</u>	<u>Cost</u> <u>Per</u> <u>Lb.</u> <u>Zinc</u>	<u>Pounds</u> <u>Gross</u>	<u>Pounds</u> <u>Zinc</u>	<u>Cost</u> <u>Per</u> <u>Lb.</u> <u>Zinc</u>	<u>Cost</u> <u>Per</u> <u>Lb.</u> <u>Zinc</u>
January	200,000	8.286	791,475	665,978	7.033	7.322
February	-	-	666,554	545,852	6.345	6.345
March	290,000	8.275	735,318	619,177	6.420	7.012
April	228,000	8.279	283,667	228,856	6.888	7.583
May	258,000	8.268	1,256,378	1,007,765	6.436	6.809
June	200,000	8.295	1,205,518	984,800	6.522	6.824
July	166,000	8.303	1,898,941	1,612,075	6.434	6.553
August	456,000	8.276	1,872,265	1,573,210	6.466	6.873
September	260,000	8.269	2,067,562	1,804,235	6.798	6.983
October	104,000	8.363	1,024,378	895,277	6.551	6.739
November	308,000	8.272	1,441,800	1,209,014	6.229	6.643
December	540,000	8.270	675,634	582,251	6.593	7.400
Total	3,010,000		13,919,490	11,728,448		
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Average Cost		8.279			6.536	6.892
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PNYC 00012495

INTRODUCTION
EAST CHICAGO PLANT
YEAR 1943

Total Profit after Depreciation	\$ 88,654.36
Production in Tons All Grades of Oxide	4,980.7
Production in Tons Slab Zinc	1,957.3
Capital Expenditures in 1943 for Extensions and Betterments	762.31
Total Sales Zinc Oxide in Tons	5,395.0
Total Sales Slab Zinc in Tons	1,795.8
Amount of all Total Gross Sales (Includes By-Products and Purchased Material Resold)	\$1,399,523.66
Net Return on Average 1943 Investment	7.65%
Cumulative Return on Investment Since 1922	198.11%

PNYC 00012496

GROSS SALES TO VARIOUS INDUSTRIES SINCE 1929

<u>YEAR</u>	<u>PAINT</u>	<u>RUBBER</u>	<u>MISCELLANEOUS</u>	<u>TOTAL</u>
1929	\$2,300,149.79	\$ 1,332,329.65	\$ 363,288.64	\$ 3,995,768.08
1930	1,716,392.13	1,423,992.54	309,524.09	3,449,908.76
1931	1,464,813.92	1,347,972.10	366,409.39	3,179,195.41
1932	1,016,651.70	1,051,306.95	299,962.15	2,367,920.80
1933	1,354,164.62	1,903,634.04	464,662.93	3,722,461.59
1934	1,010,089.75	1,409,011.79	371,109.62	2,790,211.16
1935	989,661.55	1,538,170.01	478,887.92	2,986,719.48
1936	1,163,465.10	1,328,356.94	606,773.43	3,098,595.47
1937	820,826.41	1,108,771.20	398,643.42	2,328,241.03
1938	495,695.88	994,044.44	323,305.87	1,813,046.19
1939	719,912.83	1,474,181.42	448,850.44	2,642,944.69
1940	704,697.20	1,331,644.14	471,550.14	2,507,891.48
1941	743,447.90	1,155,893.18	522,995.11	2,422,336.19
1942	310,092.80	342,257.52	189,577.70	847,928.02
1943	329,711.37	340,232.92	284,033.95	953,978.24

PNYC 00012497

EAST CHICAGO AND AKRON PLANTSBUSINESS STATEMENTYEAR 1943

<u>PERIOD</u>	<u>INVESTMENT</u>	<u>PROFIT</u>	<u>LOSS</u>	<u>NET</u>	<u>% RETURN</u>
1922	\$ 20,631.61	\$	\$ 5,334.38		25.93
1923	352,499.06		15,162.15		4.30
1924	523,706.07	342,983.56			69.31
1925	643,896.84	101,303.94			15.74
1926	663,654.15		68,391.84		10.27
1927	703,749.09	41,182.93			5.83
1928	769,786.09	436,962.73			56.76
1929	826,150.09	64,140.98			7.76
1930	838,348.18	503,976.44			60.11
1931	904,566.89	910,876.68			100.70
1932	919,216.40	638,069.60			69.42
1933	921,812.13	460,150.04			49.92
1934	934,506.13	843,936.90			26.10
1935	968,243.00	240,120.61			24.80
1936	1,010,159.54		451,122.09		44.66
1937	1,046,623.18		851,367.54		81.34
1938	1,072,792.48		6,674.56		.62
1939	1,112,978.96	124,446.02			11.18
1940	1,127,839.71	17,596.43			1.56
1941	1,156,023.73		214,877.19		18.59
1942	1,158,139.50		148,304.01		12.80
1943	1,158,901.81		28,654.56		7.65

Total

Investment

and Return

to Date \$1,158,901.81* \$4,145,768.98 \$1,849,887.92 \$2,295,881.06 198.11

RETURN ON INVESTMENTS BY PLANTS

	<u>Investment</u>	<u>Profit</u>	<u>%</u>
East Chicago	\$ 649,336.72	\$ 704,963.61	108.57
Akron	509,565.09	1,590,917.55	312.21
Total	\$1,158,901.81	\$2,295,881.06	198.11

* No allowances made for depreciation charges of \$3.99 per ton of Marchantable Oxide and Slab Zinc Sold.

PNYC 00012498

INCOME AND PROFIT AND LOSS
1943 vs 1942

	<u>YEAR ENDING DECEMBER 31st</u>		<u>DIFFERENCE</u>	
	<u>1943</u>	<u>1942</u>		
<u>GROSS SALES</u>				
Zinc Oxide	\$ 953,978.24	\$ 847,928.02	\$ 106,050.22	
Slab Zinc	307,999.43	377,061.74	69,062.31	
Total	\$1,261,977.67	\$1,224,989.76	\$ 36,987.91	
Less: Freight, etc.	55,148.24	44,190.46	10,957.78	
Net Sales	\$1,206,829.43	\$1,180,799.30	\$ 26,030.13	
	-----	-----	-----	
<u>COST OF GOODS SOLD</u>				
Zinc Oxide	948,416.97	885,152.96	83,264.01	
Slab Zinc	317,111.34	404,184.61	87,073.27	
Total	\$1,265,528.31	\$1,289,337.57	\$ 3,809.26	
	-----	-----	-----	
Gross Margin	58,698.88	88,538.27	29,839.39	
	-----	-----	-----	
<u>SELLING EXPENSE</u>	-	13,685.64	13,685.64	
	-----	-----	-----	
Gross Profit from Sales	58,698.88	102,223.91	43,525.03	
Other Income	4,603.81	4,155.16	8,769.97	
Total	\$ 54,095.07	\$ 106,390.07	\$ 52,295.00	
	-----	-----	-----	
<u>INCOME CHARGES</u>				
Cash Discounts on Sales	9,015.04	8,896.64	118.40	
Bad Debts - (Reserved for)	-	4,794.22	4,794.22	
Agency Stock Expense	5,536.53	4,934.77	601.76	
General Expense (Selling)	12,194.09	13,493.13	1,299.04	
Credit and Collection Expense	7,813.63	9,795.18	1,981.55	
Total	\$ 34,559.29	\$ 41,913.94	\$ 7,354.65	
	-----	-----	-----	
<u>NET PROFIT</u>	\$ 88,654.36	\$ 148,304.01	\$ 59,649.65	
	-----	-----	-----	
Zinc Oxide	80,453.53	116,518.69	36,065.16	
Slab Zinc	11,963.66	27,354.93	15,391.27	
Other	3,762.83	4,430.39	8,193.22	
Total	\$ 88,654.36	\$ 148,304.01	\$ 59,649.65	
	-----	-----	-----	
<u>FOUNDS SOLD</u>				
Zinc Oxide	10,789,995	9,709,335	1,080,660	
Slab Zinc	3,591,614	4,395,621	803,907	
Total	14,381,609	14,104,956	276,653	

PNYC 00012499

SUMMARY OF PLANT EXPENSE
YEAR 1943

<u>PAY ROLL</u>	<u>EAST CHICAGO</u>
Operating	\$ 135,255.11
Other	19,216.11
TOTAL	<u>\$ 154,471.22</u>

<u>SALARIES</u>	
Operating	\$ 45,135.13
Other	40,754.81
TOTAL	<u>\$ 85,889.94</u>

<u>SUPPLIES (Operating)</u>	
Fuel Oil	\$ 36,875.95
Hard Coal	13,774.87
Coke	849.42
Retorts	657.18
Fire Clay	392.38
Duck	-
Muslin	3,924.99
Liners	1,041.86
Bags - Paper	8,535.76
Barrels	14,250.69
Drums (Fibre)	8,429.45
Miscellaneous	24,007.52
TOTAL	<u>\$ 118,741.07</u>

<u>EXPENSES</u>	
Electric Power	\$ 13,617.06
Insurance - Property	4,708.96
Insurance - Group	1,200.45
Taxes - Property	3,982.70
Taxes - Unemployment Insurance	1,905.61
Taxes - Old Age Annuity	1,872.35
Liability & Compensation	1,201.80
New York Office - Salaries	3,075.38
New York Office - Expense	383.39
New York Office - Departmental	4,493.91
Telephone and Telegraph	1,380.59
Miscellaneous	12,539.14
TOTAL	<u>\$ 50,341.34</u>

PNYC 00012500

SUMMARY OF PLANT EXPENSE
YEAR 1943

<u>CHARGED</u>	<u>EAST CHICAGO</u>
Electrolytic Zinc	\$ 198,277.02
Low Zinc Residue	714.59
Great Falls Dross	135,872.14
Galvanizer's Zinc Dross	8,329.87
Die Cast Dross	26,682.98
Remelt Zinc	87,572.48
Prime Western Spelter	25,124.15
Die Cast Slabs	62,801.64
Die Cast Scrap	186,804.90
Scrap Zinc	44,581.87
Zinc Clips	9,175.10
Zinc Oxide (Monsanto)	16,504.54
Zinc Oxide (Federated)	4,261.84
Zinc Ore (American Zinc Co.)	5,672.01
Zinc Skimmings	2,349.92
Galena Lead Ore	505.96
Scrap Lead	9,493.61
TOTAL	\$ 823,621.81

<u>REMAINED</u>	
Zinc Skimmings	\$ 13,956.44
Sublimed White Lead (National)	39,865.32
Zinc Oxide (Monsanto)	159.47
Zinc Oxide (American Zinc Sales Co.)	6,308.57
Zinc Oxide (New Jersey Zinc Sales Co.)	36,307.09
TOTAL	\$ 96,596.89

Average number of men employed for year 1943	67
Average number of hours worked per week	43.4
Average number of men on salary roll for 1943	30

PNYC 00012501

APPROPRIATION EXPENDITURESYEAR 1 9 4 3

	<u>APPROPRIATION AMOUNT</u>	<u>COST</u>
Total to Year 1942	\$ 978,005.40	\$ 1,158,139.50
New Investment - 1943	<u>890.00</u>	<u>762.31</u>
Total Investment	\$ 978,895.40 -----	\$ 1,158,901.81 -----

EXPENDED - YEAR 1943

160 - Concrete Dock and Wooden Bins North of Quenching Pit	\$ <u>890.00</u>	\$ <u>762.31</u>
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PNYC 00012502-

COLLECTIONS - YEAR 1943
ZINC OXIDE SALES

EAST CHICAGO PLANT

<u>MONTH</u>	<u>GROSS SALES ZINC OXIDE</u>	<u>GROSS SALES OTHER MATERIAL</u>	<u>GROSS SALES TOTAL</u>	<u>COLLECTIONS</u>	<u>OVERDUE ACCOUNTS</u>
January	\$ 55,387.70	\$ 15,090.57	\$ 71,478.27	\$ 76,890.19	\$ 1,655.25
February	63,219.94	26,823.66	90,043.60	61,508.65	1,020.00
March	73,835.13	12,598.41	86,433.54	64,500.46	8,173.38
April	74,157.40	43,242.29	117,399.69	84,851.13	5,750.00
May	64,706.06	32,429.51	97,135.57	91,863.29	5,270.00
June	87,514.52	78,912.77	166,427.29	76,899.74	5,391.25
July	63,626.23	51,053.81	114,680.04	86,835.98	1,272.50
August	92,996.82	57,791.00	150,787.82	86,316.86	1,651.25
September	131,599.49	25,131.68	156,731.11	101,717.38	1,945.00
October	97,591.56	28,857.74	126,449.30	126,474.25	2,057.50
November	62,833.06	38,718.43	101,551.49	107,488.54	1,531.00
December	85,510.33	34,895.61	120,405.94	91,860.99	1,023.50
	\$ 953,978.24	\$ 445,545.42	\$ 1,399,523.66	\$ 1,057,257.56	\$ 3,061.71
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Cash Discounts				\$ 9,015.04	

Accounts Receivable				76,019.20	

Percentage Receivables to Gross Sales				5.43	

BAD DEBT LOSSES CHARGED OFF 1943

<u>ZINC OXIDE DEPT.</u>	<u>STATE</u>	<u>YEAR ACCRUED</u>	<u>AMOUNT</u>
Martin Custom Made Tires Co.	N. Y.	1940	\$ 1.00
<u>CREDITS</u>			
Hackmeister Lind Company	Penn.	1932	<u>2.51</u>
NET GAIN			\$ 1.27

Percentage of Loss to Gross Sales 1943 (\$953,978.24)			.0013

CUMULATIVE - TO DATE

Gross Sales 1923 to 1943, inclusive	\$ 56,922,150.10
Total Bad Debt Losses	20,788.94
Percentage Loss	.0365

PNYC 00012503

COLLECTIONS - 1943
WHITE LEAD SALES
(DRY AND LEAD IN OIL)

MONTH	GROSS SALES (DRY)	GROSS SALES (IN OIL)	TOTAL GROSS SALES	COLLECTIONS	OVERDUE ACCOUNTS
January	\$ 54,072.63	\$ 12,827.34	\$ 66,899.97	\$ 45,368.48	\$ 9,279.43
February	35,959.31	9,559.43	45,518.74	57,312.79	6,536.54
March	44,608.09	14,623.68	59,231.77	51,124.56	4,505.42
April	56,303.65	18,216.06	74,519.71	61,693.49	4,146.42
May	55,390.45	24,334.85	79,725.30	76,056.34	2,054.25
June	74,340.14	30,265.81	104,605.95	83,138.17	2,463.93
July	60,392.16	33,136.99	93,529.15	90,954.54	2,310.19
August	62,294.11	22,352.56	90,646.67	103,217.73	5,775.06
September	73,394.02	24,811.73	98,205.75	82,297.09	5,353.54
October	57,247.37	27,991.69	85,239.06	106,939.14	5,875.05
November	67,559.89	25,239.18	92,799.07	94,687.09	5,487.85
December	<u>45,939.39</u>	<u>15,126.12</u>	<u>61,065.51</u>	<u>51,159.63</u>	<u>12,368.00</u>
	\$ 693,501.21	\$ 258,485.44	\$ 951,986.65	\$ 903,949.05	\$ 5,546.13
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Cash Discounts Allowed	\$ 6,102.12	\$ 3,869.64		\$ 9,971.76	
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Accounts Receivable - Total				\$ 92,213.96	
Percentage Receivables to Gross Sales				9.69%	

PNYC 00012504

COLLECTIONS - 1943
WHITE LEAD SALES
 (DRY AND IN OIL)

BAD DEBTS CHARGED OFF - 1943

<u>WHITE LEAD DEPARTMENT</u>	<u>STATE</u>	<u>YEAR</u> <u>ACCURED</u>	<u>DRY WHITE LEAD</u>	<u>WHITE</u> <u>LEAD-IN-OIL</u>	<u>TOTAL</u>
<u>WHITE LEAD DRY AND IN OIL SALES</u>					
F. J. Bossong	N. Y.	1941		\$ 70.14	
Builders Hardware Shop	Mass.	1942		189.00	
I. S. Gloman & Company	Penn.	1941		1.37	
Horper Paint Company	Ill.	1943		63.23	
Leffler Pt. & Supply	Ohio	1942		70.21	
McKinney Bros.	Penn.	1940-1941		1.00	
Modern Paint Store	Conn.	1943		155.35	
Schwartz & Stenzler	N. Y.	1941		2.05	
Marion Paint Company	Ind.	1942	\$ 82.85		
TOTAL CHARGED OFF			\$ 82.85	\$ 552.34	\$ 635.19
			-----	-----	-----
<u>CREDITS</u>					
E. C. Bunc Inc.	Ill.	1939		2.87	
E. T. Carlson Paint Co.	Ill.	1942		49.72	
H. J. Day Wallpaper & Paint	N. Y.	1941-1942		23.53	
Figatner Paint & Wallpaper	Ill.	1942		.81	
Rain-on-Products Mfg. Co.	Ill.	1942		27.82	
Hachmeister-Lind Company	Penn.	1932	162.50		
Mutual Paint Mfg. Co.	Minn.	1941-1942	12.71		
			175.21	164.55	339.76
NET LOSSES - 1943			\$ 97.69	\$ 447.68	\$ 545.37
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Percentage of Losses to Gross Sales					
(Dry \$693,501.21) (In Oil \$258,485.44)			.014	.173	.0367
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<u>CUMULATIVE</u>					
Gross Sales 1926 to 1943, inclusive			\$ 15,329,529.19	\$ 15,329,529.19	\$ 15,329,529.19
Gross Sales 1932 to 1943, inclusive				\$ 4,222,882.73	\$ 4,222,882.73
TOTAL SALES			\$ 15,329,529.19	\$ 19,552,411.92	\$ 19,552,411.92
			-----	-----	-----
Total Bad Debts			9,762.05	14,556.36	24,318.41
			-----	-----	-----
Percentage of Loss			.0636	.344	.124
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PNYC 00012505

COLLECTIONS - YEAR 1943

DETAIL OF RESERVE FOR BAD DEBTS

ZINC OXIDE SALES

Balance in Reserve January 1st, 1943	\$ 30,004.07	
Credited to Reserve - 1943	<u>None</u>	
Total	\$ 30,004.07	
Bad Debt Loss Charged Off - 1943	<u> </u>	
Balance in Reserve December 31st, 1943		\$ 30,005.34
Doubtful Accounts December 31st, 1943	\$ 145.01	

WHITE LEAD DRY SALES

Balance in Reserve January 1st, 1943	\$ 10,404.30	
Credited to Reserve - 1943	<u>None</u>	
Total	\$ 10,404.30	
Bad Debt Loss Charged Off - 1943	<u> </u>	
Balance in Reserve December 31st, 1943		\$ 10,502.19
Doubtful Accounts December 31st, 1943	None	

WHITE LEAD IN OIL SALES

Balance in Reserve January 1st, 1943	\$ 4,939.18	
Credited to Reserve - 1943	<u>None</u>	
Total	\$ 4,939.18	
Bad Debt Loss Charged Off - 1943	<u>447.68</u>	
Balance in Reserve December 31st, 1943		\$ 4,491.50
Doubtful Accounts December 31st, 1943	<u>136.71</u>	
Total Reserve for Bad Debts December 31st, 1943		\$ 44,999.03 -----
Total Doubtful Accounts December 31st, 1943	\$ 281.72 -----	

PNYC 00012506