

Request For Capital Expenditures/Retirements		REPORTING CLASSIFICATION	DATE APPROVED 2/27/86	JOB ORDER NO. PP 1347
DIVISION OR COMPANY Polymer Products Div.		SUMMARY OF AMOUNTS		
LOCATION Chicago Plant	J.O. CONTROL POINT 097	DESCRIPTION	LOCAL CURRENCY	U.S. DOLLARS
JOB TITLE Purchase and install watt meter		ESTIMATED PROJECT COST		\$8077.
		DISMANTLEMENT EXPENSE		
		TRANSFER EQUIPMENT		
		GROSS AMOUNT FOR APPROVAL		\$8077.
		LESS TRANSFER EQUIPMENT		
		LESS SALVAGE OR TRADE-IN ALLOWANCE		
		NET CASH REQUIRED (GOF-3027)		\$8077.

RETIREMENT DATA		ECONOMICS		REVISION DETAIL (GROSS AMOUNTS)			
		as called for in General Procedure Memo #3 Attachment C. (Attach calculations)		REV.#	DATE	AMOUNT	CUM. AUTHORIZATION
COST	AMOUNT	ECONOMICS PERIOD		1			
DISMANTLEMENT		NET SALES		2			
LESS SALVAGE		NAT (PROFIT/SAVINGS)		3			
		TOTAL INVESTMENT		4			
		% ROI (ON TOTAL INVEST.)		5			
		INTERNAL RATE OF RETURN		6			
TOTAL - CHARGE RESERVE		PAYOUT OF NEW FIXED CAPITAL		7			
DESCRIPTION AND REASONS REQUIRED							

Funds of \$8077.
are requested to purchase and install a watt meter recorder for the
South Carbonator

SUMMARY OF ESTIMATED COST - Details on GOF-3027		ESTIMATE NO.	STARTING DATE 2 weeks after approval	COMPLETION DATE
ITEM NO.	DESCRIPTION	MATERIAL	LABOR	ENGINEERING
	See attached			
NET CASH REQUIRED		5577.	2400	100
				\$8077.
ACCOUNTING TREATMENT		APPROVALS		
ITEM NO.	DESCRIPTION	DEPR. RATE	NAME	DATE
0980	DR \$ 165 OPER. EXPENSE DR \$ 791V EQUIPMENT (3Yr)	7-1/2%	PROJECT SPONSOR R. Johnson	1/3/86
			St. J. J. J.	1/6/86
ACCOUNTING TREATMENT / ECONOMICS APPROVED BY DIV. CONTROLLER (CHECK BOXES)				
☒ ☐				
POST AUDIT PERIOD		DIVISION PRESIDENT/DIRECTOR		
POST AUDIT DUE DATE		CORPORATE OFFICER		
DISTRIBUTION				

DESCRIPTION AND REASONS REQUIRED

PROPOSED WORK AND COST

Funds totaling \$8077.00
are requested to purchase and install a watt meter recorder for
the South Carbonator.

PRESENT SITUATION

Lead stabilizer customers have been tightening their specifications as well as adding new parameters. In the carbonate area we lost one customer (PPG) and have had supply problems with two others.

The carbonate process, started in the early 40's has generated many millions of good quality pounds over the years but tighter control is now a must.

We have already increased the instrumentation on the process to improve our control and data keeping. Recent development work indicates the most effective tool to control the process end point is a wattmeter to record loading on the 100HP motor. In the past the end point was determined by a visual inspection of a sample pulled from the carbonator.

JUSTIFICATION

It has been found by both laboratory experiments and plant trials, that acceptable and reproducible Carbonate can be made by pulling the batch with the aid of a watt meter on the carbonator motor. A rental watt meter easily shows the correct point to the operator as when to pull the batch giving consistent results which meet the customers requirements.

DETAILS OF PROPOSAL

A Esterline Angus recording watt meter will be purchased and installed in the south carbonator motor circuit

PRODUCTION FACTORS

This proposal will improve product quality by providing an exact end point for the operator in which to terminate his reaction.

N14568.01

COMMERCIAL FACTORS

THIS ORDER SUPPORTS A PLANT BUDGET FOR LEAD STABILIZERS AS FOLLOWS:

k \$/ LBS	SALES	MARGINAL INCOME	POS	
LBS	\$	\$	%	\$
Budget for 1985 all stabilizers	6,500	4,345	1,921	44.2
				914
				21
Actual all stabilizers first ten months	3,271	1,854	738	39.8
				(129)
				0
Litharge first ten months	145	37	11	15.2
				(15)
				0

N14568.02

CONTINGENT FUTURE COMMITMENTS

This proposal will not require additional funds to complete.

ALTERNATIVES CONSIDERED

No additional alternatives were considered.

RISKS

No operating risks are involved.

CONCISE SUMMARY

Purchase a recording watt meter to improve quality and customer acceptance.

DETAIL SHEET

SHEET NO.		JOB ORDER NO.		DATE	
COMPANY		LOCATION			
American Cyanamid		Chicago			
ITEM OR CODE NO.	DESCRIPTION	EQUIPMENT OR MATERIALS	LABOR	ENG. MECH. SVC.	TOTAL
0V01	Watt meter	2626		100	2726
0V02	Electrical installation	2500	2000		4500
0V03	Cabinet	270	400		670
0V04	Shipping	16			16
0980	Ill. State and use tax(Exp.)	165			165
	Totals	5577	2400	100	\$8077.

N14568.03