FORM 3-51C
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TO: W. E. Roush, Finance
D. W. French, Plant Manager
K. J. Whalen, DHQ
Central Unit, HAC
M. B. Jamin, DPE
R. P. Shupper, GHQ
H. T. Brode, Plant Engineer (2)
J. A. Lawrence, I.E. Supervisor (2)
H. F. Lloyd, Purchasing Agent
C. G. Stelchek, Production Superintendent
A. M. Curry, Quality Control Supervisor
File: 3-11-2

APPROPRIATION NO. 026-EC-632

LOCATION Denison DIVISION Pipe DEP'T NAME Transite Finishing DEP'T NO. 071

TITLE: Finishing Dust System Revision and Separate Collector for Mandrel Shot Blaster

I. PURPOSE: To provide funds for the purchase and installation of all new duct work and machine dust hoods for the Finishing End Dust Collector System, and for a separate dust collecting system at the mandrel shot blasting station.

II. PRESENT FACILITIES: Since the time the Finishing Dust System was designed and installed, it has undergone a number of modifications. Each new extension or alteration has reduced the capacity of the system. As a result, it no longer provides adequate control in all areas. In addition, the shot blasting equipment is connected to the same network. This places a continuous load on the entire system even though the shot blasting operation is intermittent and does not require control air at all times.

III. PROPOSED FACILITIES: To install all new ductwork and hoods on the Finishing End Machines and to install a new dust collector, fan and associated equipment at the shot blasting station. The new ductwork will be installed adjacent to the existing lines, thus allowing the transition to be made with a minimum of machine downtime. Risers will be sized to maintain 5000 fpm air velocity and main headers will be sized for 4500 fpm. The shot blasting equipment will be disconnected from the main system and attached to a new and separate intermittent type cloth tube collector. (See Environmental Engr. Dept. Report P32-7159 Denison Finishing Dust System)

IV. ESTIMATED COST:

Capital Item	Description	Cost	Life (Yrs.)	Account	Systems 1112 Par. #
1.	Ductwork & hood purchase & installation	$ 90,000	15	2415	.5
2.	Shot blasting collector	8,000	15	2415	.5
3.	Shot blasting collector installation	2,500		2415	.5
	Total Capital	$100,500			
Expense					
1.	Sales Tax	$ 2,600		62000	.5j
	Total Expense	2,600			
	Sub Total	103,100			
	Contingency	9,900			
	Engineering	10,500			
	TOTAL APPROPRIATION	$123,500			

W.E.Roush, Mgr. Svcs.

M.S.Burton, I.R. Mgr.

PLAINTIFF'S EXHIBIT JMMC-197

V. DISPOSITION OF PROPERTY: Scrap

VI. OTHER INVESTMENT: None

VII. BENEFITS OR SAVINGS: These proposals are necessary in order to provide Transite Finishing with an efficient dust control system. With the upcoming std. of 2 fibers/cc these revisions will be necessary for the Finishing Department operation to continue.

VIII. TIME TO COMPLETE AFTER APPROVAL: 12 months

IX. LABOR & UTILITY REQUIREMENTS: Slight increase in power usage

REMARKS:

1. President's Bulletin #161.
2. Job Order No. 6640.
3. Budget addition is not requested.
4. Project was included in the 1973 CEP.
5. Prepared by: J. A. Dukes, Industrial Engineer.

DATE PREPARED	DATE REQUESTED	APPROVAL WILL AUTHORIZE AN EXPENDITURE OF:	APPROVAL	DATE APPROVED
12-19-72		$123,500		1/21/73

D. [illegible] French - DEN
W. [illegible]-Sells - 2S
C[illegible]al Unit - HAC
M. [illegible]. Jamin - 5N
R. P. Shupper - 4N

J. A. Lawrence - DEN
H. F. Lloyd - DEN
C. G. Stelchek - DEN
A. M. Curry - DEN

APPROP. NO.: 026-EC-632

DATE OF:
Orig. approval 1/31/73

Original expir 6/30/74

Proposed expir 4/28/75

REQUEST FOR TIME EXTENSION
ON APPROPRIATION
Form AR-2

Location	Division	Dept. Name	Dept. No.
Denison	Pipe	Transite Finishing	071

Reason for request:

Time extension is required to complete the installation of the UCL line replacement dust system fan. The fan is scheduled to ship in January 1975.

[illegible]	Groups/subparts	Amount approved to date	Total paid & committed	Funds avail. to complete	Estimated final costs
	Capital	110,400	110,253	147	116,000
	Contingency	0	0	0	0
	Engineering	10,500	0	10,500	0
	Tax	2,600	457	2,143	600

Prepared by: J. P. Kline [signature]

Date: 9/26/74

Approval [signature] 10/10/74 [signature] DEH 10/14/74

Date Approved

Time Extension
APPROPRIATION APPROVAL CHECKLIST

APPROPRIATION REQUESTS REQUIRING PRESIDENT'S APPROVAL REFER TO SYSTEMS 3419 FOR REQUIRED APPROVAL LEVEL	Approp. Request No.: 026-EC-632 Date: 10/22/74		
TITLE	NAME	INITIAL	DATE
PRESIDENT (To $400,000 total & $300,000 capital portion)			
EXECUTIVE V.P. FINANCE & ADMINISTRATION (To $200,000)			
SENIOR V.P. PRODUCTION & ENGINEERING (To $75,000)	J. E. Hesse	JEH	10/22
SENIOR V.P. CORP. MARKETING (over $50,000 with sales forecast)		//	
Director of Env. Eng. (To $50,000)	D. E. Hillier	DEH	10/21/74
V.P. OF J-M CORPORATION (To $35,000)			
DIVISION GENERAL MANAGER (To $25,000)			
DIVISION PRODUCTION MANAGER OR (To $2,000) RESEARCH DIRECTOR OR (To $2,000) DIRECTOR GENERAL SERVICES OR (To $2,000)			
PLANT OR MINE MANAGER (To $1,000)			

Form AR-8 (7/74)

APPROPRIATION MODIFICATION

FORM NO. [redacted]

Approp. No.: 026-BC-632

DPE Proj. No.: P32-7159

Modification No.: 1

Reference: Pres. Bull. 161
Exec. Bull. 31-27
Systems 3419

Check one classification:

Low estimate, escalation or omission	☒
Change under $5,000	☐
Change $5,000 – $10,000	☒
Change $10,000 – $20,000	☐
Change over $20,000	☐

Check one:

Sub-part not exceeded	☒
Sub-part exceeded	☐

Division: Pipe

Plant: Denison

Project Title: Finishing End Dust Control System

Description and reasons for modification. Explain fully.

It is required to spend contingency funds approved for this project.

The west finishing end dust control system exhaust fan is not performing to required specifications. This fan is original equipment purchased and installed in 1957 under another project. It is inadequate for the new system. It is necessary to replace this fan with a new unit to meet the required dust control standard. The MOA lathe dust hood will be modified to duplicate the existing Stockton plant arrangement.

This modification will permit the use of approved contingency funds to accomplish the above.

Order of Approval, and then Return to Department Clerk, DPE

	Signature	Date
DPE MGR.	J. Goldfield	7/31/74
DIR. PLT. ENGR.	D. E. Hillier	
DIV. ENGR.	E. J. Mitchell	
DIV. PROD. MGR.	W. A. Sells	
DIV. GEN. MGR.		
R. ... ER. V.P.		
V.P. FOR PROD.		

Est. change in cost of this request (Increase) (Decrease)	$ 9,900
Amount previously approved for item(s) modified by this request	$ 100,500
Face amount of approved appropriation	$ 123,500
Revised estimate	$ 123,500
Originated By: J. P. Kline	
Date: 7/24/74	

DISTR.: Orig. – Finance Mgr. F. Lloyd
c/o Plt. Mgr. D. French
cc: OCRDE D. Roth

For readjustment of approved funds and for job orders affected, see reverse side.

PERFORMANCE DATA

FINISHING END DUST SYSTEM - WEST

	Start-Up 1957	Start-Up 1974	After Installation of Inlet Va
Fan Model	Westinghouse 4040B	-	-
CFM Required	35,000	53,800	53,800
CFM Attained	41,000	41,550	41,550
Design Pressure	13.5"	15.75"	15.75"
Actual Pressure	11.5"	7.8"	8.1"
Design Ductwork System Resistance	-	9.75"	9.75"
Actual Ductwork System Resistance	8.1"	6.6"	7.4"
Motor HP	100	150	150
Design HP	91.8	167	167
Actual HP	75	94.5	94.5
Fan RPM	1,735	1,910	1,910
ΔP Collector	.2"	1.2"	1.9"

AR 026-EC-632

Finishing End Dust System

Financial Status

Capital	$100,500
Tax	2,600
Engineering	10,500
Contingency	9,900
Total Approved AR	$123,500

Capital Approved	$100,500
Spent or comitted to date	99,000
Unspent capital	1,500
Estimate Required to complete project	$ 9,900

START COPY	INITIALS	DATE

BOX NO./FILE DRAWER NO.	SEGMENT NO.

SIGNIFICANT

NOTES

04-01906