

WORK PROPOSAL WKG PLANT TECHNICAL SERVICES

ORIGINAL TO TSD JOB BOOK
CC ASST ENG SUPT. DESIGN
D. B. Hosmer -DHOSM
J. A. Mullendore-JMU
J. R. Savage
D. E. Harris
P. E. Heisler
V. Brawley
H. B. Patrick
FOLDER: 246(3494)
W. J. Gresham

INITIATED BY D. R. Middleton		DATE 8/19/65
COMPLETED BY D. R. Middleton		DATE 8/19/65
DEPT. 246	PRODUCT AROCLOR	JOB NO. 91370:3494

TITLE
AROCLOR: IMPROVE SAFETY OF BOTTOMS DROPPING OPERATION

STATEMENT OF PROBLEM AND OBJECTIVE (Use reverse side if necessary)

At a frequency of at least once/week a product change-over is made and a boil down of the still system is required. At the end of the boil down, bottoms (tars) are dropped from No.2 stills. The hazards involved in this operation are: open flames, material at 300°C, manual handling, and toxic fumes. The objective of this job is to reduce and/or eliminate the above mentioned hazards.

ESTIMATED SAVING OR OTHER BENEFITS

Safety of personnel.

SUGGESTED APPROACH, REFERENCES, ETC.

Make necessary equipment and operating changes to minimize hazards.

PRELIMINARY EVALUATION (To be completed by Technical Service Dept.)			
MANPOWER REQUIREMENTS	NO. MEN	T.S.D. COST	ESTIMATED SAVINGS OR PROFITS
EVALUATION	24	1	\$300
CH. E. DES.	16		None
M.E. DES.			
E.E. DES.			
INSTR.			
DRAFTING	8		
START-UP			
TOTAL	48		
TOTAL	6		

NEW FIXED CAPITAL
\$2,000 Est.

COMMENTS
TSD WORK CATEGORY: PROCESS IMPROVEMENTS
MONS 096598

ORIGINAL SIGNED BY
P. E. Heisler

APPROVALS
PLANT MANAGER
J. R. McClain

ASSIGNED TO T.S.D. ASST. ENG. SUPERINTENDENT
J. R. Savage

TECHNICAL PRODUCTION MEN.