WGK 271 REV. 1/68

WORK PROPOSAL

WGK PLANT TECHNICAL SERVICES

ORIGINAL TO T.S.D. JOB BOOK
CC: ASST. ENG. SUPT, DESIGN
D. B. Hosmer - GO
H. C. Carder - GO
J. R. McClain
D. C. Armstrong
P. E. Heisler
D. E. Harris
W. J. Gresham
L. C. Fuhrmeister -A
FOLDER: (246)(3680)

INITIATED BY	DATE
C. E. Woodward	10/7/66
COMPLETED BY	**DATE**
C. E. Woodward	10/7/66

DEPT.	PRODUCT	JOB NO.
246	Aroclor	91370: 3690

TITLE

AROCLOR: EXTEND AROCLOR CAPACITY

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

Sales demands for Aroclors have and are continuing to increase. While the authorized plant capacity for 1967 is 40 M lbs./yr., the present capacity is rated at 33 M lbs./yr., some 7 M below requirements. This job will provide for engineering necessary to expand the present production capabilities and to insure and improve the existing quality levels.

ESTIMATED SAVING OR OTHER BENEFITS

This work is necessary to meet production increases of 3 M lbs./yr. during the interim period before construction of new process facilities now estimated for 1968-70 startup.

SUGGESTED APPROACH, REFERENCES, ETC.

1. Prepare appropriation requests for still system modifications.
2. Complete engineering design and project work for an enlarged chlorine feed line. See 91370:3652 - Increase Chlorine Supply.
3. Evaluate other projects as necessary to increase overall capacity.

PRELIMINARY EVALUATION *(To be completed by Technical Service Dept.)*

MANPOWER REQUIREMENTS

EVALUATION	40	MAN HOURS
Ch. E. DES.	80	"
M.E. DES.	160	"
E.E. DES.	80	"
INSTR.	80	"
DRAFTING	160	"
START-UP	160	"
_____	_____	"
_____	_____	"
_____	_____	"
_____	_____	"
TOTAL	760	"
TOTAL	95	MAN DAYS

NO. MEN	T.S.D. COST	ESTIMATED SAVINGS OR PROFITS	NEW FIXED CAPITAL
3	$5,320	$240,000/yr. profit	$50,000 (est.)

COMMENTS

TSD Work Category: Process Improvements

Related Jobs open:

91370:3652 - 6/28/66 - Increase Chlorine Supply - $41,000 - Appropriation request written 8/15/66

91370:3687 - Evaluate Divisional Storage Requirements - 10/7/66

APPROVAL: [signature]

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

DSW 256211

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