WORK REQUEST FORM

ANNISTON TECHNICAL SERVICES DEPARTMENT

ORIGINAL TO T.S.D. FILES

H. L. Williams
R. A. Haydel
J. C. Landwehr
V. R. Haupt
W. F. Taffee
E. E. Bowles

INITIATED BY	DATE
R. A. Haydel	May 22, 1970
COMPLETED BY	**DATE**

DEPT.	PRODUCT	JOB NO.
826-08	Aroclor 1221	005-1090

TITLE

Produce Aroclor 1121 by continuous method

STATEMENT OF PROBLEM AND OBJECTIVE (USE REVERSE SIDE IF NECESSARY)

Sales of Aroclor 1221 has soared in recent months with a good possibility of increasing even furthur to fill voids left by higher chlorinated arocler products being taken off the market. Present estimated monthly sales of 1221 are currently running around 200M 16S a month. Substantial furthur increases may out strip production capabilities on a batch basis. Also, since 1121 is chlorinated in 3-4 hours, manpower could become a problem in time required to pump out and charge chlorinators.

ESTIMATED SAVING ON OTHER BENEFITS

1) Meet increases in sales by increasing production capabilities.

2) Avoid adding additional personnel to dept.

SUGGESTED APPROACH, REFERENCES, ETC.

1) Consider putting 2 of batch chlorinators on a continuous scheme by tieing in series.

2) Check feasibility of taking a side stream off one of the present continuous chlorinators at 1121 finishing gravity.

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

MANPOWER REQUIREMENTS

EVALUATION	32	MAN HOURS
CH. E. DES.	64	MAN HOURS
M. E. DES.	20	MAN HOURS
E. E. DES.	20	MAN HOURS
INSTR.	60	MAN HOURS
DRAFTING	100	MAN HOURS
START-UP	40	MAN HOURS
TOTAL	336	MAN HOURS
TOTAL	42	MAN DAYS

NO. MEN	T.S.D. COST	ESTIMATED SAVINGS OR PROFITS	NEW FIXED CAPITAL
		T.B.D.	$25,000

COMMENTS

Two chlorinators running continuously at 90% OST can produce 30 M pounds a year of 1121.

To be scheduled 1st quarter 1971.

DSW 551981

Approval [signature] TSD Superintendent

ASSIGNED TO. VRH/CBD

STLCOPCB4090397