AROCLORS

1972 PRODUCT GROUP OBJECTIVES

COSTS:

1. Achieve the following total product costs per cwt:

Aroclors	(811.00):	$ _____
Aroclor 1016	(811.04):	$ _____
MCS-1109	(811.12):	$ _____
Pyranols	(810.90):	$ _____

These unit costs are based on the 1972 cost standards, budgeted variances, other costs known as of 2/1/72, and the budgeted sales. This "base data" is included on the work plan.

QUANTITY:

2. Meet demand of current market area.

3. Encourage the business group to utilize WGK capacity.

QUALITY:

4. Maintain present bulk quality and improve quality of drummed products.

ENVIRONMENTAL CONTROL:

5. Maintain PCB losses to the sewer from Dept. 246/2 at 0.5 lbs./day or less.

6. Cooperate in any WGK effort to reduce estimated cost of secondary waste treatment plant.

SAFETY AND HOUSEKEEPING:

7. No serious or disabling injuries.

8. A minor injury index of 2.5. (This is equivalent to 0.5 minor injuries per man per year, or 12 minor injuries in Dept. 246).

The index applies to both Production and Maintenance.

9. AA+ average in housekeeping.

WORK PLAN

Action	Responsibility	EDC
COSTS:		
The budgeted variances are:		
1. Reduce three operators (based on current 1972 forecast) 1972 Savings $18,000 Annual Savings $36,000 Probability 30%	Production	7/1/7
2. Re-evaluate need for an improved drumming facility. (possible reduction of one operator) 1972 Savings $ 3,000 (install by 10/1) Annual Savings $12,000 Probability 30%	TSD Maintenance	5/1/7
3. Rework all obsolete FR-1 into a salable product.	Production	6/1/7
4. Closely monitor 91-, 92-, and 93-expenditures in order to achieve an actual of $48,000 vs. a cost standard of $78,000.	Production	All Year
5. Install facilities for installing and removing equipment on Aroclor column	Maintenance	TBD
6. Install permanent seal flush line to lime slurry pump.	Maintenance	2/1/7
QUANTITY:		
1. Define alternatives and cost for increasing column capacity for MCS-1109 or other monochlorobiphenyl product.	TSD Production	TBD
2. Evaluate need for increased continuous chlorinator capacity (in conjunction with planned manpower reduction).	Production Maintenance	5/1/7
3. Install Inerteen 70/30 mix tank.	Maintenance	TBD

	Action	Responsibility	EDC
QUALITY:			
1.	Establish drummed product quality control.	Production	3/1/7
2.	Install facilities or procedure for providing necessary quality for "Highly Refined Aroclor 1016".	TSD Production Maintenance	7/1/7
3.	Complete current drum test(R. H. Munch).	Production	4/1/7
4.	Install facilities to upgrade electrical properties of TCB and TTCB.	TSD Maintenance	7/1/7
5.	Re-establish blow tank level control.	TSD Maintenance	4/1/7
6.	Establish formal specifications on Aroclor 1016 and MCS-1109. Update all other specifications.	Production	6/1/7
7.	Write SMP's for Aroclor 1016 and MCS-1109.	Production	7/1/7
8.	Install instrumentation for measuring column reflux.	Production CED Maintenance	7/1/7
9.	Continue present process control program.	Production	All Year
10.	Correlate methyl biphenyl in biphenyl with TCC's in Aroclor 1242 and 1016.	TSD	5/1/7
ENVIRONMENTAL CONTROL:			
1.	Install Montar transfer facilities.	TSD Maintenance	5/1/7
2.	Complete north sewer.	Maintenance	2/1/7
3.	Expand south settling basin.	Maintenance	3/1/7
4.	Install new 4-3 sewer and establish necessary routine sampling.	Maintenance	TBD
5.	N_2 blanket #2 and #3 Mix Tanks.	Maintenance	2/1/7
6.	Continue in-dept. PCB process control.	Production	All Year
7.	Complete project package for scrubbing MCS-1109 off-gas.	CED	4/1/7
8.	Evaluate need for knock-out tank upstream from column vacuum jet(or other emission control system).	TSD	6/1/7

Action	Responsibility	MDC
ENVIRONMENTAL CONTROL: (Cont'd.)		
9. Define alternatives and costs for reducing department city water usage.	TSD	4/1/7
10. Implement business group decision to use a heavier drum for Aroclor production.	Production	2/1/7
11. Provide pump repair shop in Dept. 246.	Maintenance	TBD
SAFETY AND HOUSEKEEPING:		
1. Carry out safety program as outlined to G. L. Bratsch on 12/6/71.	Production	All Year
2. Alter $FeCl_3$ addition line to continuous chlorinators.	Production TSD Maintenance	7/1/7

1972 FORECAST

For calculating targeted unit costs for 1972, the following forecast for 1972 was used:

Aroclors(811.00):	
1221	0.3 M lbs.
1232	0.3
1242	8.4
1248	0.1
1254	9.0
1260	1.3
	19.4 M lbs.
Aroclor 1016(811.04):	17.7 M lbs.
Pyranols(810.90):	
Inerteen PPO(810.92)	0.6 M lbs.
A13B3B(810.97)	2.0
Inerteen 70/30(810.98)	8.2
Inerteen 54201 CM(811.10)	5.4
	16.2 M lbs.