

HOECHST CELANESE CORPORATION
TECHNICAL CENTER
Corpus Christi, Texas

To: L. W. Hartman January 9, 1989
From: S. C. Hahn SCH-49-89
Subject: December Maintenance Report

PLAINTIFF'S
EXHIBIT
CEL-688

RFS's Worked in December - 899
Total Manhours on RFS's - 4412

RFMS's received in December - 38
RFMS's completed in December - 42

The total number of RFS's completed in 1988 was 6,687
requiring 34,849 manhours.

513 RFMS' were issued in 1988 plus 35 not completed in
1987. This gave us a total of 548 packages in 1988. We
completed 495 packages in 1988.

- Utilities - New Sensall level indicators were installed in the
caustic and acid tanks. A new roof was installed
on the boiler house.
- 4-HAP - Converted IBAP to 4-HAP. This turnaround went very
well. We had good coordination with Gary Chaney
and Operations which made for a very smooth
transition.
- SASPU - SASPU reactor work is in progress. Some material
shortages. Should finish early January.
- Effluent
Treatment
Plant - Most punch list items are complete. Hanging fire
extinguisher and painting. Drum cleaning facility
was completed and turned over to Operations.
- TFE - Construction completed. Unit is in commissioning.
Water runs due to begin in early January.

Ibuprofen
Carbonylation-We experienced a problem with the 3 AOV's
associated with the reactor. The valve bodies are
Hastelloy B and the inner balls are coated with
ceramic. We found the coating was coming off of
the ball, causing the valve to leak through. These
3 AOV's were removed and replaced with high
pressure Autoclave Hastelloy B needle valves which
were purchased some years ago and stored away by

January 9, 1989

Ibuprofen
Carbonylation
contd.

- L. W. Hartman. Johnny Vaught and Sal Hahn devised a means of adapting a Wee Willie control valve operator to these valves in order to maintain automatic shutdown integrity. Needless to say, a considerable amount of down time and expense was saved in the installation of these valves.

Ibuprofen

Purification-Completed all punch list items. Numerous RFS's on tracing, leaks, and insulation. Had some problems with gasket on centrifuge lid. Installed braided Teflon in groove in lid. This held pressure. Made water run. No serious problems.

Sumps

- Completed all tie-ins to collection vessel and acid waste header. Cleaned and inspected sump 12, 13, 14, and 15. Tied in collection vessel to sumps 15 and put in service. Tied in discharges of sump 12, 13, and 14 to sanitary waste system. There is a large crack in the wall separating sump 15 and the flood water sump. As a temporary fix until the new sump 15 is installed, the flood water pump discharge has been routed over to sump 15 instead of pumping to the drainage ditch. Sump 2, 3, and 5 work is nearing completion.

Laboratory &
Office

- Roof on office portion of B-130 has been completed. The roof work on the laboratory is progressing very well. We had a short term electrical outage in the west end of the 400 series lab due to a grounded motor on the water circulating pump in #2 roof top unit. This caused the ground fault on main breaker to trip. New motor is on order.

Safety

- No injuries reported in December. Maintenance did not have a lost time injury or OSHA loggable in 1988, only had 2 first aid cases. This is an outstanding achievement.

Quality

- Thirty eight quality ideas were submitted during the year of 1988.


S. C. Hahn

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