

TO: Distribution

Date: July 28, 1989

FROM: Billy Salter

Subject: Potential EDC Exposure
Points

The following is a list of tasks performed by operations at and maintenance that could have potential exposure to EDC. A sampling system is starting for VCM II operations that will try and analyze for the EDC exposure potential. If you have any jobs that will be coming up in the very near future that will allow sampling to be done, please let me know. Also, list any other jobs that may have the potential for EDC exposure. The bulk of this sampling will have to be done before August 7, 1989. The OSHA guidelines for 1 ppm EDC exposure TWA (average for 8 hours) and 2 ppm EDC exposure STEL (average for 15 minutes) go into effect September 1, 1989.

I. Auxiliary Operator

- A. Catching OHC degasser samples
- B. Catching OHC vent samples
- C. Catching EDC vent samples
- D. Pouring samples into sample drum
- E. Charging EDC catalyst pot
- F. Catching covered separator samples
- G. Catching samples off EDC trucks

H. *RELOADING SAMPLES IN LAB*

II. EDC Operator

- A. Dumping EDC dopp kettle into drums
- B. Clearing EDC reactor level transmitters
- C. Draining EDC pumps
- D. Clearing screens on heavy still bottoms pumps
- E. Unplugging screens
- F. Working around covered separator -
- G. Draining liquid out of vent headers
- H. Unplugging reboiler loops
- I. Vent off incinerator vent header O2 analyzer sample system
- J. Vent off EDC reactor vent sample system and scrubber
- K. Clearing EDC equipment

III. OHC Operator

- A. Blowing down catalyst from reactors
- B. Draining EDC pumps
- C. Flushing ph probes
- D. Working around BAT sumps
- E. Draining OHC recycle boot
- F. Draining liquid out of vent headers

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- G. Unloading EDC trucks
- H. Vent off OHC reactor vent GC and O2 analyzers
- I. Pump sample drum to I.C. tank
- J. Clearing EDC equipment
- K. Washing DH still
- L. Washing DH feed economizer
- M. Clearing sight glasses
- N. Clearing chloral treatment filters

IV VC Process Operator

- A. Draining EDC pumps
- B. Dumping VC tar buggy
- C. Clearing EDC equipment
- D. Clearing sight glasses
- E. *Clearing Color to receive*

V. Storage Operator

- A. Gauging EDC storage tanks
- B. Draining EDC pumps
- C. Clearing EDC equipment
- D. Loading EDC barges
- E. Draining ST-2 vent K.O. pot
- F. Clearing carbon/pels bed and filter
- G. Sampling (Routine 4 samples EDC tank)

VI. Maintenance

- A. Dumping CaCl2 driers and filters
- B. Replace EDC filters
- C. Swapping reboilers that have EDC
(Heavy still, light still, product still, stripper,
and DH still)
- D. Working on EDC pumps
- E. Unplugging EDC lines
- F. Breaking into EDC equipment
- G. Dumping carbon bed/pels bed
- H. Clearing transmitters
- I. Vent from OHC reactor GC and O2 analyzer vent system
- J. Vent from incinerator vent header O2 analyzer
- K. EDC reactor vent sample system and scrubber

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