

PSA SYSTEMS

PROCESS SUMMARY:

- * ABSORB VAPORS FROM ATMOSPHERIC TANKS/LOADING
- * VACUUM OPERATION TO DESORB VAPORS
- * CONDENSE WITH R-22
- * BURN OR REPROCESS PRODUCT
- * PSA-1750 FOR CHLOROFORM TANKS
- * PSA-1760 FOR METHYLENE CHLORIDE TANKS
- * PSA-1770 FOR M4 / MEOH / URETHANE / AEROTHANE TANKS
- * REACTIVE CHEMICAL REVIEW DURING STARTUP IN NOVEMBER 1991

PSA SCENARIOS

1. POTENTIAL FIRE IN CARBON BEDS

- * PROCEDURES FOR BED DUMPING
- * BED TEMPERATURES USED TO MONITOR, ALARM AND SHUTDOWN - ON CRITICAL INSTRUMENTS
- * VACUUM BREAK DONE WITH NITROGEN TO PREVENT AIR/CARBON OR AIR/MEOH/CARBON INCIDENT
- * ENTHALPY OF ABSORPTION RESEARCHED AND IS OK (PSA START-UP REVIEW)

2. TUBE LEAK

- * FREON 22 ON SHELL, DOESN'T REACT WITH PRODUCTS

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PSA RELATED REACTIVE CHEMICAL REPORTS

<u>TITLE</u>	<u>DETAIL</u>
RCI-84-0022	M2 AND MEOH FLASH POINT WORK
RCI-88-0141	M3 AND MEOH
RCR-89-0074	MIXTURE OF RCL'S AND MEOH
RCT-87-0007	METHANOL/CHARCOAL (CARBON)

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