

Attachment F.5.1 CATALYST Loading Procedure

BLOCK #34

SAFework PROCEDURE
GLYCOL
DISTILLATION/EVAPORATION

REVISED: 10 /18/96 PD
REVISION: #0
APPROVED: HOOD

TITLE: R-7 CATALYST LOADING PROCEDURE (RL000034.DOC)

HAZARDS TO BE AWARE OF:

SAFETY/HEALTH CONSIDERATIONS

THE NEW CATALYST SHOULD NOT BE EXPOSED TO MOISTURE; DO NOT PERFORM THIS PROCEDURE IN THE RAIN. ENSURE THAT THERE IS ADEQUATE VENTILATION.

ENVIRONMENTAL CONCERNS

N/A

RESPONSIBILITY: AREA ENGINEER TO MAINTAIN THIS PROCEDURE, MAINTENANCE TO IMPLEMENT

SAFETY EQUIPMENT REQUIRED: BLOCK SAFETY EQUIPMENT, MONOGOGGLES, RUBBER GLOVES, HALF FACE RESPIRATOR WITH HEPA FILTER.

PURPOSE: INSTRUCTIONS ON THE SAFE LOADING OF CATALYST INTO R-7

GLYCOL 1 PROCEDURE:

1. ENSURE THAT THE HYDROGENATOR IS EMPTY, DRY, AND BLOCKED IN/CLOSED EXCEPT FOR THE TOP. THE CATALYST SHOULD BE LOADED IN DRY WEATHER.
2. DUMP THE CATALYST FROM THE DRUMS INTO THE HYDROGENATOR THROUGH THE TOP MANWAY; YOU MAY WANT TO USE SMALLER BUCKETS TO AVOID CREATING TOO MUCH DUST. WEAR RESPIRATOR WITH HEPA FILTER AND RUBBER GLOVES TO AVOID INHALATION OF DUST AND PROLONGED CONTACT WITH THE SKIN.

NOTE: DO NOT LEAVE CATALYST DRUMS OPEN AND EXPOSED TO SUNLIGHT, AIR, OR MOISTURE FOR PROLONGED PERIODS OF TIME.

3. AFTER ALL THE CATALYST HAS BEEN DUMPED INTO R-7, INSTALL THE TOP MANWAY. CLEAN THE AREA AROUND R-7 OF ANY STRAY CATALYST.
4. EMPTY CATALYST DRUMS SHOULD BE DISPOSED OF LIKE REGULAR EMPTY DRUMS.

THE CATALYST IS NOW READY TO BE ACTIVATED.

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