

SL 006314

CONFIDENTIAL:
Subject to Protective Order
of 14th Judicial District Court
No. 91-1145

- TRI-II SOP -

SOP#: 6906-030

SOP TITLE: NITROGEN TO PROCESS TIE-INS
(BACKING ORGANICS INTO NITROGEN PIPING AND HOSES)

OPERATOR: _____

DATE: _____

written by: C SHIFT
date: OCT. 5, 1991

reviewed by:
date:

approved by:
date:

CHECK ACTION STEPS AS THEY ARE COMPLETED

NITROGEN TO PROCESS EQUIPMENT OR PIPING (IN LIQUID SERVICE) IS DESIGNED AND INSTALLED TO ALLOW PURGING OF PROCESS EQUIPMENT OR PIPING FOR CLEARING AND TO REDUCE SAFETY HAZARDS ASSOCIATED WITH REGULAR USE OF HOSES. THERE ARE SEVERAL PRECAUTIONS TO TAKE TO AVOID BACKING PROCESS LIQUID INTO THE NITROGEN SYSTEM.

1. LIQUID ORGANICS TO N2 TIE INS SHOULD HAVE DOUBLE BLOCK AND BLEED VALVES PAINTED BLUE. THE BLEED VALVE MUST BE LEFT OPEN UNLESS N2 IS BEING ADDED TO THE PROCESS.
2. WHEN USING NITROGEN HOSES, MAKE SURE THE NITROGEN IS THE PROPER PRESSURE (90# OR 200#) FOR THE SERVICE USED.
3. CHECK THE PROCESS SIDE PRESSURE TO MAKE SURE IT IS BELOW THE NITROGEN PIPING PRESSURE.
4. THE OPERATOR WHO PUTS THE NITROGEN HOSE OR CONNECTION IN SERVICE MUST WRITE A NOTE IN HIS LOGBOOK ANY TIME A TIE IN OR NITROGEN HOSE WILL BE LEFT OPEN TO PIPING OR EQUIPMENT LONGER THAN THIS OPERATOR'S SHIFT SO FOLLOWING SHIFTS ARE AWARE OF THIS.
5. PROMPTLY DISCONNECT, ROLL UP, AND STORE NITROGEN HOSES AS SOON AS THE CLEARING OR PURGING IS COMPLETE.