

APPROVED BY:
DATE: 1/15/59
SOP

OXY ETHYLENE STATION STARTUP

OPERATOR'S NAME _____ DATE _____

- _____ 1. AFTER THE DECISION HAS BEEN MADE TO STARTUP THE OXY STATION, THE OPERATOR SHOULD INSPECT THE STATION. Any vessels or lines that were opened should be leak-checked, nitrogen-purged, and ethylene-purged before station startup.
- _____ 2. MAKE CERTAIN THAT THE OXY CONTROL ROOM IS READY TO SUPPLY. This can be done by telephone. Inform them as to how much ethylene you are going to take.
- _____ 3. STROKE THE PCV AND THE TCV TO MAKE SURE THEY ARE OPERATIONAL.
- _____ 4. LINE UP THE FLOW BOTH UPSTREAM AND DOWNSTREAM OF THE PCV. OPEN UP STEAM FLOW TO THE TCV.
- _____ 5. NOTIFY ALL ETHYLENE CONSUMERS OF THE STATION STARTUP. THEY ARE VCM II, TRIETHANE, AND EC.
- _____ 6. WITH THE PCV ON MANUAL, START A SMALL ETHYLENE FLOW.
- _____ 7. AS SOON AS THE TEMPERATURE AT THE CRIFICE RUN BEGINS TO DROP, START A STEAM FLOW ON THE HEATER.
- _____ 8. RAISE THE ETHYLENE FLOW SLOWLY. IN THE MEANTIME, CLOSELY MONITOR THE ETHYLENE TEMPERATURE. ADJUST STEAM AS NECESSARY.
- _____ 9. PUT THE TCV ON AUTOMATIC ONCE ENOUGH ETHYLENE FLOW HAS BEEN ESTABLISHED THAT THE TCV CAN WORK. This should be about 10,000 #/hr.
- _____ 10. CONTINUE TO RAISE ETHYLENE TAKE UNTIL THE DESIRED FLOW IS ATTAINED.
- _____ 11. IF THE OPERATOR WANTS TO PUT THE PCV ON AUTOMATIC, HE WILL FIRST NEED TO PUT THE ORANGE PCV ON MANUAL. BOTH OXY AND ORANGE PCV'S CANNOT SIMULTANEOUSLY RUN ON AUTOMATIC.

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Subject to Protective Order
of 14th Judicial District Court
No. 94-1145