

Ethanolamines/Glycol Ethers In Plant Training (IPT)

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Emergency Procedures

Answers:

1. **State the location of all critical block valves.**
 - A. Ethylene oxide at D-101
 - B. Propylene oxide at North block limits.
 - C. Anhydrous ammonia at West of P-212B.
 - D. Butanol line from block 5 at north block limits
 - E. Methanol line from Methanes at north block limits
 - F. Nitrogen line at north block limits
 - G. 235 pound steam at north block limits
 - H. 475 pound steam at north block limits
2. **State how critical block valves can be quickly identified by sight.**

They are painted fluorescent orange.
3. **Explain what written emergency procedures are intended to accomplish.**

They are intended to provide a guide to the actions that should be taken under ideal circumstances. They do not take the place of common sense. Use the procedure and consider the circumstance at the time of the emergency.
4. **State the location of Ethanolamines/Glycol Ethers evacuation assembly points.**
 - A. The northwest corner of the block (drum building)
 - B. The northeast corner of the block (front of shop)
 - C. The southwest corner of the block (DS-205)
 - D. The southeast corner of the block (at Cellulose road and Ammonia road intersection)
 - E. Control room
5. **State on item that must be done immediately to preserve the quality of our products if the division nitrogen header were to shut down.**

Shut down all check and storage tank transfers.
6. **State why you must not respond (enter) the motor control center (without breathing air) if there is a fire in the MCC.**

Because burning electrical insulation gives off toxic gases.

7. **State what inter plant phone number is used to report emergencies.**
333
8. **State what you must do if you are in the field and hear the emergency horn.**
Come to or contact the control room.
9. **State why evacuation (during chemical spills) on foot is important.**
Because vehicles and other forms of transportation are spark producing devices and could ignite a gas spill.
10. **State who non-essential personnel are.**
Personnel that are not directly responsible for the production process.
11. **State who should respond to a safety shower alarm. State the exception.**
 - A. Anyone that can.
 - B. A safety shower alarm at block 5 with only two people in the plant. (call Security to respond to this alarm)
12. **State what Louisiana division unit can provide assistance in the event of a chlorine cylinder rupture.**
The chlorine plant
13. **State what common fire fighting fluid cannot be used on chlorine spills.**
Water
14. **State what backup we have for selected pieces of equipment in the event of a cooling tower water loss.**
Process water
15. **State what pieces of equipment are referred to in question number 14.**
 - A. E-201A
 - B. C-550's
 - C. Computer room air conditioner
16. **State how the plant is initially shut down in the event of a shell/tube rupture of any of our reactors.**
Totally from the control room
17. **State the purpose of area 8 sump.**
To contain overflow from areas 1 and 2.

18. State the Outside operators duties if there is a fire in the drumming building.

- A. Check storage tank pumps and make sure they are down. Block in pump discharge to the loading header.
- B. Block in any catalyst being pumped out of the drumming building at D-106's.
- C. Be sure sprinkler system has tripped.
- D. Direct plant security to the fire if possible.

Revisions:

Revision No. 1:	06-21-93	Yearly Review
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Revision No. 2:	12-18-94	Yearly Review
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Revision No. 3:	12-23-97	Yearly Review
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