

Ethanolamines/Glycol Ethers In Plant Training (IPT)

S ction Number :13
Issue Number :1.3
Origination Date :06-25-91 Author :Mike Viator
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Section Test :13

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Ethanolamines Purification Control Module T-271

Answers:

1. **State the DEA and TEAGE specs for t-271 overheads.**
A. .25 to .70 DEA.
B. .15 to .95 TEAGE.
2. **State the primary ejector used for T-271. Secondary.**
A. EJ-260.
B. EJ-130A or (EJ-270).
3. **State the set pressure of PSV-T271.**
100 psig.
4. **State the parameter(s) on T-271 controlled by the VAX computer.**
As of the date of this procedure, none.
5. **State the set pressure of PSV-E273 A/B.**
100 psig.
6. **State what adjustment you would make if the DEA in T-271 overheads was .85% and the TEA in T-260 overheads was .06%.**
Increase T-260 temperature set point.
7. **State what would be the possible cause(s) of T-271 overheads being wet.**
A. E-273 leak.
B. E-270-1 tube leak.
C. E-272 leak.
8. **State what you would do if the recirculation flow was lost to E-270-1.**
Cut steam off to the reboiler (E-270-1).
9. **State the target bottoms flow for T-271.**
Based on production plan, the value is communicated through the instruction log book.

10. State what would be the cause(s) of high color in the overheads.

- A. Excessive cut on the tower.
- B. Air leak on T-271.
- C. Spent charcoal.

11. State the conditions that need to exist for packing auto ignition.

Product saturated packing exposed to air at high temperatures.

Revisions:

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