

**Ethanolamines/Glycol Ethers
Tier 3 Procedure**

Section Number: 1304
Issue Number: 1.1
Origination Date: 07-13-94 **Author:** Marketa Thornton
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Title: Dr-553 A/B Confined Space Entry To Obtain Desiccant Samples
References: Glossary Of Equipment Identification (Text #114)
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1304 DR-553 A/B Confined Space Entry to Obtain Desiccant Samples

1.0 Objective:

1.1 To provide a guide for the safe completion of this job.

2.0 Responsibility:

2.1 It is the responsibility of the operations supervisor and the lead senior operations specialist to ensure that this procedure is complied with.

2.2 It is the responsibility of the senior operations specialist and the operations specialist to ensure that this procedure is completed in a safe and efficient manner.

3.0 Safety Notations:

3.1 Personal Protective Equipment (PPE):

3.1.1 Self contained breathing unit.

3.1.2 Radio for safety observer.

3.1.3 Life line and wrist harness.

3.1.4 Low voltage light (the light should be explosive proof and attached to a ground fault circuit interrupter, and the transformer must be outside the vessel).

3.2 One safety observer must be stationed outside the manway during the duration of the confined space entry.

3.3 A confined space entry permit is required for this job.

4.0 Special Notations:

4.1 Follow all precautions in the U.S. area S&LP, Louisiana Division Exceptions to the U.S. standards and Glycol Ethers confined space entry procedure.

5.0 Procedure:

5.1 Inform power-1 that air will be needed from the division header.

5.0 Procedure: Cont'd.

- 5.2 Inform security of the confined space entry.
- 5.3 Use red tags, blinds and double block and bleeds to isolate the air dryers.
- 5.4 Set the pressure control valve to manual open and shut down the air compressors.
- 5.5 Install an air mover on the 6" nozzle on the west side of the dryers. Run a percent oxygen and explosive limit test on the air dryers.
- 5.6 Obtain a confined space entry permit from the operations supervisor.
- 5.7 Remove the top manway.
- 5.8 Remove a section of grating.
- 5.9 Obtain a 1/2 gallon sample of desiccant from each dryer and label them A & B.

6.0 Revisions:

Revision No. 1	12-29-95	Yearly Review
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