

Ethanolamines/Glycol Ethers Tier 3 Procedure

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Issue Number: 1.3
Original Date: 07-12-91 **Author:** Mike Viator
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Title: Confined Space Analytical Testing
References: Glossary Of Equipment Identification (Text # 114)

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625. Confined Space Analytical Testing

1.0 Objective:

- 1.1 To ensure that vessels are safe for personnel to enter for cleaning or maintenance.

2.0 Responsibility:

- 2.1 It is the responsibility of the operations supervisor and the senior operations specialist to ensure that this procedure is fully complied with.
- 2.2 It is the responsibility of the senior operations specialist and the operations specialist to ensure that this procedure is executed in a safe and efficient manner.

3.0 Procedure:

- 3.1 An oxygen test and explosive meter test must be run on the vessel immediately prior to entering the vessel. A test must be run on all entry points. The air mover must be off for this test.
- 3.2 An air sample must be analyzed for the last contained compound or major component. The vessel must be cleaned below the threshold limit value and the results recorded on the safework permit.
- 3.3 This test must be performed by the ethanolamines/glycol ethers industrial hygiene contact or his designee.
- 3.4 The instrument use is the gasspurerat/multi gas detector (dragger), model 21/31. The type of dragger tube used is determined by the component or compound of interest. An outline for each component is made available with the test tube. The sample is submitted to the industrial hygiene department for results.

4.0 Revisions

Revision No. 1	07-20-93	Yearly Review
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Revision No. 2	12-21-94	Yearly Review
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Revision No. 3	12-29-95	Yearly Review
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