

Ethanolamines/Glycol Ethers Tier 3 Procedure

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Issue Number: 1.3
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Title: Changing Deionized Water Cylinder
References: Glossary Of Equipment Identification (Text # 114)

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627. Changing Deionized Water Cylinder

1.0 Objective:

- 1.1 To replace these cylinders in a safe and efficient manner.

2.0 Responsibility:

- 2.1 It is the responsibility of the operations supervisor and the lab coordinator to ensure that this procedure is fully complied with.
- 2.2 It is the responsibility of the lab operator to execute this procedure in a safe and efficient manner.

3.0 Safety Notation:

- 3.1 Monogoggles and safety shoes are required to perform this task.

4.0 Special Notation:

- 4.1 Label the spent cylinder so it will not be mistaken for a fresh one.

5.0 Procedure:

- 5.1 Block in the header inlet valve on the spent bottle.
- 5.2 Bleed the pressure off by opening the needle valve at the sink.
- 5.3 Close the header outlet valve on the spent cylinder.
- 5.4 Unplug the spent cylinder from the electrical outlet to prevent shocking.
- 5.5 Open header inlet and outlet valves on the fresh cylinder. (Make sure that the fresh cylinder is plugged in electrically)
- 5.6 Open needle valve at the sink and flow water until the white light comes on indicating that the cylinder is a good one. (if this light does not come on, it will also have to be replaced)

5.7 Disconnect inlet and outlet on the spent cylinder.

5.0 Procedure: Cont'd.

5.8 Remove spent cylinder and put a fresh one in it's place.

5.9 Connect inlet and outlet valves but do not open them

5.10 Plug in electrical cord.

6.0 Revisions:

Revision No. 1	06-30-93	Yearly Review
Revision No. 2	12-21-94	Yearly Review
Revision No. 3	12-29-95	Yearly Review