

CHLORINATED METHANES PLANT

HOW TO SAFELY PREPAIR AN AQUEOUS HCL LINE FOR WORK

I. Safety

- A. HCL in liquid form is a non-flammable water white solution that is very corrosive. Exposure to eyes may cause some permanent loss of vision and exposure to skin can cause serious burns. HCL vapors are very irritating to the respiratory passages and may cause serious injury.
 - 1. A full acid suit and respirator are required when breaking into an HCL line (aqueous).

II. Procedure

- A. Wearing full acid suit and respirator, isolate and drain section of line to be worked on.
- B. If possible, connect water line to isolate section and flush out for 15 - 30 minutes.
 - 1. After line has been washed out, work may be performed wearing minimum protection (hard hat, monoggles, rain coat, rubber boots and rubber gloves).
 - 2. If section can not be flushed out, maximum protection must be work (full acid suit and respirator).
 - 3. Issue Red Tag Master and place tags in proper places.

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