

A Safe Workplace

A Workplace Safety and Health Manual for your Community

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PPE Required: Steel-toe boots, safety glasses or face shield, hard hat, gloves, coveralls, fire extinguishers, first aid kit

Preparation:

1. Ensure area is free of toxic gases. If necessary, use a self contained breathing apparatus (SCBA) for testing.
2. Secure the area.
3. Ensure all tools are clean and in proper working condition and that all repair parts are handy.

Steps:

1. Set up barricades if required using *Barricade Procedure* (section III-C, page 12).
2. Isolate section of pipe to be repaired by slowly closing valves.
3. Disassemble pipe, making sure there is no pressure in the pipe before you start removing unions or flanges.
4. As work is underway, check often to ensure there are no gasses released into the area.
5. Ensure other workers are available to assist when required.
6. If pipe cutting is required the pipe should be cut away from work area. Ensure pipe is secured with clamps or vise prior to cutting.
7. Ensure Teflon tape is used on threaded joints of different material.
8. When fusing solvent weld joints, ensure there is adequate ventilation.
9. Fusing solvent weld joints should not be performed by untrained personnel.
10. Clean work area.

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11. Slowly release pressure into the new section and test each joint for leaks.
12. Remove barricades using *Barricade Procedure* (section III-C, page 12)