

GENERAL PLUMBING

06-03

ALL EMPLOYEES ARE TO BE TRAINED PRIOR TO USING PROCESS



I. Pre Operation This is a general overview of plumbing.

1. Inspection/Service

- **Service** will depend on inspection, leaks, broken pipe, new line etc. Always find out where the main or loop shutoffs are for your water system, just in case the local one where you are working is broken, leaks, etc.
- The most frequent plumbing task is the replacement of gaskets and washers.

Lockout/Tagout if repairs are needed.

II. Operation

1. Starting - Shut off water and electricity if necessary.

- **Leaks** - replace washers or gaskets. Do not over tighten.

2. Personal Protective Equipment

- **Eye protection**
- **Rubber gloves** are necessary if working where exposure to bodily fluids is possible.

3. Site Assessment

- **Overall** - Inside building, overhead, outside, etc.
- **Underground** - Inside trench, under roadway, around electrical lines.

- **Confined Areas** - Tight quarters increase danger of hazards during repairs or installation. Follow confined space directives.

4. Operation – Includes

- **Cutting** pipe with saws, pipe cutters.
- **Tightening** of parts with hand tools, gluing parts.
- **Soldering** parts with propane torch.
- **Gaskets** - Replacement of gaskets and washers.
- **Gluing** PVC parts for lines.



III. Post-Operation

Clean and inspect for damage or additional maintenance prior to checking in.

- Lockout/Tagout if repairs are needed.



IV. Demonstration and Proficiency - All persons trained on plumbing are required to demonstrate their proficiency prior to signing the training ledger.

PROFICIENCY TEST

GENERAL PLUMBING

I. Multiple Choice:

1. The type of general plumbing tasks that we do at parks are:
 - a) Repair leaks.
 - b) Repair broken pipes.
 - c) Install new lines.
 - d) Replace gaskets/washers.
 - e) All of the above.

2. Which of the following are operations we would normally perform?
 - a) Cutting pipe with saws, pipe cutters.
 - b) Tightening of parts with hand tools, gluing parts.
 - c) Soldering parts with propane torch.
 - 4) Replacement of gaskets and washers.
 - e) All of the above.

3. What minimum personal protective equipment should be worn when performing plumbing functions?
 - a) Eye protection, hearing aids, green hardhat, rubber pants and safety vest.
 - b) Eye protection, rubber boots, white hardhat and orange chaps.
 - c) Eye protection and rubber gloves when possible exposure to bodily fluids.
 - d) None of the above.

II. True/False

4. _____ The nature of plumbing service you provide will depend on your inspection.
5. _____ When working inside a building, you don't need to do a site inspection.
6. _____ When working inside a trench or under a roadway, you should check for electrical lines.
7. _____ Water and electricity should be turned off if it presents a potential hazard.
8. _____ We never replace washers at the park.

III. Discussion Questions

1. What hazards are present when soldering copper pipes?
2. What precautions do you need to take when working on waste drains?

Employee Name: _____ Pass _____ No Pass _____ Date: _____