

Hot Taps, Pipe Connections

The Los Angeles World Airports (LAWA) does not allow connections into live systems. Each live connection will be considered on a case by case basis for the project. If LAWA determines that it is in the best interest of the airport to accommodate the request to connect into a live system, the following requirements shall be met:

1. NO HOT TAPPING IS ALLOWED.
2. The project may utilize the pipe freezing process for all connections to these systems. Should pipe freezing process be utilized for the project, conditions 3 through 12 shall be met for the work.
3. Pipe Freezing contractor performing the line freezing work shall be a qualified contractor with a minimum of 10 years' experience using the pipe freezing method. Contractor shall have experience with all pipe sizes and materials contemplated for the work.
4. Piping contractor performing the line connections shall be a qualified contractor licensed in the State of California with a minimum of 10 year experience doing line cutting, installation of appropriate sized tee, fittings and shut-off valve, welding (brazed for copper and tick weld for carbon steel) and hydro testing.
5. Resume and qualifications with 5 verifiable references for the piping connection work and the proposed connection method shall be submitted to LAWA for approval prior to performing the work.
6. Piping contractor will be required to coordinate pipe freezing and piping connection work with the City of Los Angeles, Department of Building and Safety, LAWA CID, LAWA Project Manager and other entities as LAWA deems appropriate.
7. Both Pipe Freezing and Plumbing contractors shall have all the necessary equipment needed to perform the work including but not limited to monitoring instruments to prevent pipe bursting or leak.
8. All welders must be certified in the City of Los Angeles.
9. Prior to performing the work, All welding procedures for the project shall be approved by the Engineer of Record for the project and submitted to LAWA.
10. Prior to performing the welding work, tenant/contractor shall provide a CWI, AWS or LA City SSW welding inspector.
11. Newly installed piping connections shall be hydro tested by the Piping contractor at 150% above the maximum line operating pressure for a period of 2 hours without any leak or drop in pressure.
12. A coordination meeting shall be held prior to the connection work at least 7 days prior to the work to discuss the proposed plan and schedule and shall include as a minimum, LAWA CID, LAWA FTSD, LAWA PDG – Dev Project Manager and Department of Building and Safety.
13. Contractor shall utilize the Utility Shutdown Process as defined in the Design and Construction Handbook when performing the work for the connection.
14. Contractor shall include in their proposed plan, an appropriate contingency accommodation.