



I'm not robot



I am not robot!

Pressure Limitations: The pressure of the fluid inside the pipe should never exceed kPa during the hot tapping operation. A detailed, written, job-specific hot tap procedure should be available before starting each job to help ensure that appropriate measures are addressed. It outlines the following key points: The scope applies to approved systems. Hot tapping is the technique of attaching a mechanical or welded branch fitting to piping or equipment in service, and creating an opening in that piping or equipment by drilling or cutting a portion of the piping or equipment within the attached fitting. This document provides a safety procedure and checklist for hot tapping pipelines and equipment. If there are standing procedures for hot tapping they should be reviewed for applicability to the specific job to Exhibit provides a general schematic of a hot tapping procedure. But, it can also be done on pressure vessels and storage tanks to add nozzles. Special equipment is used which will provide proven effective protection for personnel performing the Hot Tap. If all four criteria cannot be met, then the Hot Tap should NOT be performed and the Lockout Tagout Procedure should be followed for performing the work. This Hot Tap Procedure is applicable to piping and equipment. Typical hot tap procedure involves a fitting designed to contain system pressure, a valve to control the new connection and a hot tap drilling machine (mm) hot tap line stop operation and 2" (50mm) equalisation tap. hot tap cutter, coupon and pilot drill. The pressure rating of the branch valve and the tapping. The ability to safely tie-in to a pressurized system while under full operating conditions. Hot Tapping. The technique of attaching a welded branch fitting to piping or equipment as it remains in service, and then creating an opening in that piping or equipment by drilling. The hot tap procedure involves attaching a branch connection and valve on the outside of an operating pipeline, and then cutting out the pipe-line wall within the branch. HOT TAPPING. It outlines important steps to take before, during, and after welding an Hot tapping is the process of attaching a welded branch fitting to equipment in service, and creating an opening in that equipment by removing a portion of it within the attached • a set of work procedures. Removal of coupon. coupon showing bracing support Gas m/s (minimum), no maximum limit. Exhibit Schematic of Hot Tapping Procedure. Hot taps can be vertical, horizontal, or at any angle around the pipe as long as Tapping. Hot and cold tapping procedures are covered below. Hot Tapping. For hot tapping, a specialized tapping machine is always required. Product temperature during welding: Maximum °C, minimum 7°C. Virtually every hot tapping job is different. The basic steps to perform a hot tap are: Connect the fitting on the existing pipeline by welding (steel), bolting (cast iron), or bonding (plastic) and install the valve. Install the hot tap machine through the permanent valve. Perform the hot tap by cutting the coupon. The hot tap procedure involves attaching a branch connection and valve on the outside of an operating pipeline, and then cutting out the pipeline wall within the branch, and removing the wall section through the valve. Purge oxygen, open the valve, and the new connection is put into service. In general, hot taps are done in a piping system. No document can. This document provides a hot tapping procedure for maintenance and contractor employees. Additionally, hot tapping should not be carried out on sub-atmospheric pressure after the hot tap operation. Withdraw the coupon through the valve and close the valve. Remove the tapping machine and add the branch pipeline. Hot Taps can be performed on most any type of pipe, ranging from carbon. This RP provides information to assist in safely conducting hot tapping operations on equipment in service in the petroleum and petrochemical industries. In addition to the tapping sleeve and machine, the assembly consists of a branch valve (gate or ball) and the cutting device (see Figure 3).