

# SPECIAL SERVICES



**SafetyBOSS**

## ***Ultra-High Pressure Jet-Edge Cutting Units***

SafetyBOSS is a recognized leader in waterjet cleaning and cutting. Our Jet-Edge equipment has been used worldwide to handle numerous cleaning and cutting challenges. This equipment was utilized by our teams in extinguishing raging oil fires in Kuwait after the Gulf War, safely cutting off damaged wellheads to allow for the installation of blowout preventors.

Using a Permalign cutting head, 36,000 psi and garnet as an abrasive, cutting time is significantly reduced without generating heat that could reignite the volatile oil vapors.

These units work on virtually any material including reinforced concrete and plate steel. Hydrodemolition is precisely controllable by removing material to specified depths while cleaning rust and scale from the rebar leaving the surface ready for successful restoration. Hydrodemolition only removes unsound material unlike impact tools that may cause vibration damage.



## ***Porta-Lathe System***

The SafetyBOSS Porta-Lathe system is particularly effective when hydrocarbons are present since it operates without heat or flame. The equipment is able to cut pipe from 3" to 13" and pipe ends can be beveled to allow for a fast fit up for welding.

The Porta-Lathe units clamp around the pipe and a pneumatic orbit motor powers the cutting tool that cuts the pipe. The orbit motor is powered by an air compressor that can be positioned in a hydrocarbon-free (safe) area.

The complete package including an air compressor can be quickly mobilized to any location.



***Ultra-high pressure jet-edge equipment cuts off a damaged wellhead.***



***Experienced SafetyBOSS team prepares for a hot tap and freeze procedure.***

### ***Hot Tap Operations***

SafetyBOSS Hot Tap Operations include various sizes for drilling completions, pipeline and production operations. Hot Tapping is particularly useful when tapping into a pipeline that is in use and under pressure and enables repairs to be made with little disruption.

Hot Tapping is made necessary when:

- An obstruction is encountered in tubulars during tripping which allows for the possibility of bringing bottom hole pressure trapped in the tubing to the surface.

- A production line needs to be by-passed in a plant but it is uneconomical to depressurize the line.
- A casing valve on a producing well cannot be opened and it is uneconomical to depressurize or kill the well to replace the valve re-entry into abandoned wells.

### ***Freeze Operations***

- SafetyBOSS also provides a freeze service to meet well control, gas plant and pipeline needs.