



BLANKING and BLINDING PROCEDURE

Blanking and blinding is sometimes required for Hazardous Energy Control (LOTO) or abandonment. It is accomplished by placing a device (skillet blind, spectacle blind, blind flange, or bull plug) either in the line or at the end of a line that will absolutely stop line flow.

Definitions:

Line Breaking: Means the intentional opening of a pipe line, or duct that is or has been carrying flammable, corrosive, or toxic material, an inert gas or any fluid at a volume, pressure, or temperature capable of causing injury.

Blanking and Blinding: Means the absolute closure of a pipe, line or duct by fastening of a solid plate that completely covers the bore and is capable of withstanding the maximum pressure of the pipe, line, or duct with no leakage beyond the blank or blind.

Block and Bleed: Means the closure of a pipe, line, or duct by closing and locking or tagging one in-line valve and by opening and locking or tagging a drain or vent valve in the line between the closed valve and all piping and processes beyond the closed valve.

Double Block and Bleed: Means the closure of a pipe, line, or duct by closing and locking or tagging two in-line valve and by opening and locking or tagging a drain or vent valve in the line between the two closed valves.

Planning:

Planning is the first and most critical component of all blanking and blinding. The planning process may include the following:

- Carefully examine the area, piping, and all valves.
- Review this procedure.
- Ensure that all correct required blinds, gaskets, fasteners, and tools are on hand.
- Coordinate with all affected parties.
- Prepare a proper JSA.
- Conduct safety/ JSA meeting

Execution:

1. Close and lock or tag the appropriate valves.
2. Carefully and slowly open and lock or tag the drain or vent valve.
3. Break the line at the desired location.
4. Install the appropriate blanking or blinding device, with the appropriate gaskets and fasteners all appropriately torqued.
5. Post-installation inspection.
6. Post- job review and cleanup.

Notification Process

When working around others, always ensure that clear communication is used via radio or telephone, or in person. **Never take any action** without alerting others, as such could result in serious harm or accident. Always work in a calm orderly fashion as to not create an unsafe environment. Be conscious of your surroundings and use your **STOP WORK AUTHORITY** when necessary.

I _____ have read and understand the **E&B Blanking and Blinding Procedures**

Updated: May 11, 2015.

I understand that I am required to follow these procedures. I also understand that my failure to do so may result in disciplinary action, termination and or increased personal liability.

Employee Signature

Date

Supervisor Signature

Date