



**High Pressure Water Cleaning**  
**15 October 2025**



# 3 Categories of HP Cleaning

**This HSSE Stop aims to highlight the safe work Procedure when HP cleaning.**

Refer to ASSET.PR.0118 High Pressure Water Jetting Standards: [SAPREF HP Jetting Procedure](#)

**What are the different types of HP Cleaning?**

- High Pressure -which is between 750 – 1000 bar.
- Ultra-high pressure - which is between 1500 -2000 bar
- Super ultra-high pressure which is between 2500-2800 bar.

# Equipment used for HP Cleaning



HP Machine



HP Hoses



HP Gun



Foot Valve



Lance



Lance Tube  
Cleaner



# HP Jetting PPE



TST SUIT



PVC Gloves



Foot/Shin  
Guards



Hard hat with visor



Steel toe Gumboots

# Keeping the Area Safe

## How do we protect the area and personnel during HP Cleaning?

- The area must be 100% barricaded with do not enter signage posted around the barricaded area or at entrances to the work area.
- No one is allowed into the work area without the permission of the supervisor.
- Employees performing the HP cleaning will don a rain suit, foot guards, steel toe gumboots, TST suit, face shield (for double eye protection) in addition to the mandatory PPE **and respirator if required**.
- The other employees of the crew will remain outside the barricaded area using the mandatory PPE. (Hard hat, hearing protection, safety glasses, 1-piece overall, safety boots, hand gloves, etc.)



# Other General Precautions

- Never enter the HP work area without permission from the Supervisor.
- The HP gun must be placed on the floor when inspections need to be done.
- All HP hose connections must have 2 hose re-strainers.
- A drip tray must be placed under the HP machine at all times to **contain spills.**
- If something is out of place notify the supervisor, **MSFP** and use the **Stop Work Authority.**



# Discussion Points

- Why is it important to respect barricading and signage?
- What is the PPE required to perform HP cleaning?
- What must you do if you see that there is something out of place for the HP activity?

# 5 To Remember

- 1 Respected the barricading and signage. HP cleaning is a High risk activity.
- 2 No one is allowed into the HP Jetting work area without the permission of the Supervisor.
- 3 All HP hose connections must have 2 hose re-strainers.
- 4 Use your Stop Work Authority for your safety and for those around you
- 5 Do quality LMRAs