

Blanchard Refining Company LLC	Galveston Bay Refinery	
Title: PR-38 Att A – Hydro Blasting Checklist	Doc Number: RSW-FORM-000040-GB	Rev No: 1

PR-38 ATTACHMENT A – HYDRO BLASTING CHECKLIST

Date:	<i>*This checklist is to be completed by the Hydro Blasting Crew Leader.</i>
Refinery:	Work Location:
Task/ Equipment Description:	
Crew Leader:	Pump Operator:

Equipment Information

Hydro-blast Unit #: _____ Maximum Allowable Working Pressure: ☐ >3K ☐ 5K ☐ 10K ☐ 15K ☐ 20K ☐ 40K

Check all that apply: ☐ Shotgun ☐ Line Mole ☐ Lance ☐ Pressure Wash (over 750psi)
☐ 2-D Nozzle ☐ 3-D Nozzle ☐ Automated ☐ Vertical ☐ Horizontal

Personal Protective Equipment (PPE)

☐ Hard Hat ☐ Safety Glasses ☐ Hearing Protection ☐ Face Shield ☐ Slicker Suit ☐ Rubber Gloves
☐ Rubber Boots **Other PPE:** ☐ Metatarsal Protection ☐ Goggles ☐ Shin Guards ☐ Respirator

Operational Protective Equipment – GENERAL HYDROBLASTING OPERATIONS

Number of High Pressure Hoses from Pump to Shotgun or Lance: _____ Hose Maximum Working Pressure: _____

☐ Whip Check at Every Connection ☐ All Fittings Rated ☐ Filter on Pump ☐ Rupture Disc in Place
Hose to Hose; Pump to Hose for max. Pressure inspected and clean and properly rated
☐ Adequate Barricade ☐ Two (2) Pressure Relief Devices ☐ Flush Water Source & Hoses
☐ Hydro Blast Unit Grounded ☐ Fire Extinguisher Present ☐ Wheel Chocks in Place
☐ Hoses Kept Out of Walkways ☐ Hoses are Free of Doors/Equipment That Could Damage the Integrity of the Hose
☐ Hose Protected from Mobile Equipment ☐ All Hydro Blast Equipment / Fittings / Hoses Visually Inspected
(e.g., Road Ramp in Place)
☐ Electrical Equipment Shielded from Water ☐ Hydro blasting PPE Available to All Personnel Entering Barricade
☐ All Camlock Fittings/Caps are Pinned, Wired, or Taped Closed.

Note: A high-pressure hose fails inspection if: the PVC outer covering has a hole, if any metal braids are exposed; if the PVC outer covering has moved from the crimp; if any defects are found that questions the integrity of the hose.

Operational Protective Equipment – SHOTGUN OPERATIONS

Shroud Information:

Manufacturer: _____ Shroud Rating: _____
≥ 1 ½ times MAWP

☐ 6 Feet or Greater ☐ Shroud Covers Whip Hose and Crimp-to-Gun Connection

Shotgun Information:

☐ 48" Barrel or Greater ☐ Trigger Safety Latch ☐ Trigger Guard in Place ☐ Tip / Nozzle Free of Debris
☐ Barrel <48" **** IF CHECKED A CORPORATE VARIANCE IS REQUIRED ****

Operational Protective Equipment – FLEX LANCE / RIGID LANCE / LINE MOLE OPERATIONS

☐ Pedal In-Line and In Position to be Controlled by the **Lance operator** ☐ Pipe Exit Properly Guarded

Anti-Withdrawal Device (AWD) Information:

Type of AWD: _____ ☐ AWD is Mechanically Attached ☐ Die is Correct ☐ Die is Secure
☐ Less than 1" gap between snorkel and tube sheet ☐ **Lance operator** Trained on AWD Use

Lance / Tip / Nozzle / Stinger Information:

Size of Lance (inches): _____ ☐ Tip / Nozzle Free of Debris
Inside Diameter (ID): _____ Stinger Length (For Line Mole stinger rod must be 1.5x ID): _____

HYDROBLASTING TEAM LEADER SIGNATURE

DATE / TIME