

METHOD STATEMENT

TANK WASHING

And the use of Hydrochloric acid

PROCEDURE

Prior to using the jet wash carry out a visual inspection of the equipment you will use:

The jet wash must only be used in the wash down bay area.

Ensure the vehicle has been switched off, handbrake on and keys removed.

When using the jet wash lance there is a high level of pressure being omitted. Care shall be taken to only operate the lance in a safe manner and should never be used in bouts of horse play or mischief. Aim the lance at the area of operation and be aware if using to dislodge any secured material that it can fall at any time so ensure there is a safe distance between yourself and the material.

Personal Protective Equipment is needed when using the jet wash. Safety boots and Gloves to be worn to protect the hands from hot water that can scald the skin, Goggles to protect the eyes from any particles that may be released when using the jet wash. A face mask if using high concentrations of Hydrochloric acid.

Ensure that the Fuel tank (if fitted) has enough fuel to heat the hot water to be used. If the machine does not have adequate fuel then re-fuelling needs to be undertaken. When re-fuelling be aware of the surroundings. If the machine cannot be transported to a bunded area then a funnel and a drip tray will be required.

Engage the on switch and allow to warm up. When pressure is achieved slowly engage the lance trigger to ensure that the desired level of heat and pressure is being achieved.

**HOLD LANCE WITH BOTH HANDS to avoid the initial kick.
Never aim lance at any part of the body (risk of water penetration)!**

When operating the jet wash be aware that the lance hoses are potential tripping hazards and may be hot.

There is a potential for slipping on wet debris covered surfaces. Measures need to be taken by the operator to maintain the area he is working in and ensuring that the hose is in a safe position and not causing a hazard to the operator or others.

When washing the top of the tank use the purpose-built Gantry making sure that the jet wash hose is made secure to prevent entanglement or dropping onto anyone beneath you. DO NOT Climb on the Tank Top.

Wear Your Safety Harness

Use of Soap and Acid

Use a suitable bucket for the job in hand, mix Soap or Acid to the specified ratio, '**DO NOT USE NEAT ACID**', read the information on the container.

Avoid using near other vehicles and pedestrians

ADD ACID TO WATER NOT WATER TO ACID

If you spill some acid on your skin, you need to wash it off with copious amounts of running cold water as soon as possible. Water is less dense than acid, so if you pour water on the acid, the reaction occurs on top of the liquid. If you add the acid to the water, it sinks and any wild and crazy reactions have to get through the water or beaker to get to you.

Use of cleaning brushes

Use a brush suitable for the job, use long handle brushes to reach high or difficult to reach places to avoid over reaching which may cause back and muscle pain.

When closing down the jet wash, clean the debris into the catch pit and leave the area clean and tidy. Ensure that the switch is off. Depress the trigger of the lance to discharge the water remaining in the jet wash. When complete, coil the hose into a manageable and safe condition.

- **Do not work at height to use the pressure washer if you are alone on the premises.**
- Always use a safety harness when working at heights.
- Always remain on the catwalk if you must work on top of the tank
- Use the purpose-built Gantry to wash the top of cabs.
- Always wear your Personal protective equipment
- Use 3-point contact when climbing.

Ammended

15/1/2020