






SPECIAL INSTRUCTIONS:

1. Ultra-high pressure cleaning should be carried out in an area isolated from other workers, or steps taken to prevent exposure of persons to the cleaning process.
2. Persons should not operate ultra-high pressure water blasters unless they have been instructed in the hazards and the means of safe use of the equipment.
3. All persons using high pressure water blasters are to use personal protective equipment appropriate for the task and the equipment used.

Sequence	Identified hazards	Key processes to be followed	Precautions / PPE required
1. General precautions	Personal injury Falls of persons Electric shock Hazardous materials Over-exertion / strains	Follow manufacturer’s instructions when operating high pressure water cleaners. Keep work areas clean – remove grease and other matter from wet floors. Provide safe access when working on steep, mossy or slippery surfaces. Inspect appliance lead, extension lead and plugs for damage before use. Use only extension leads approved for outdoor/industrial use. DO NOT use high pressure cleaner on hazardous materials (e.g., asbestos). Obtain assistance when moving or lifting machine – observe safe handling rules.	Wear eye, face, body and hand protection, and ‘non-slip’ footwear. Provide edge protection at heights. Check inspection tag for currency Do not use domestic equipment. Inspect materials before water blasting. Train personnel in correct lifting.
2. Pre-start checks	Pre-start inspection	Ensure that all safety devices are operating and not modified or bypassed. Check assembly of machine, and inspect hoses for damage before every use. Use only recommended high pressure hoses, couplings and other spare parts. Check fuel and oil levels, fill fuel tank before starting and when engine is cool.	Do not tamper with safety features. Do not use faulty or damaged cleaner. Ensure compatible parts only are used. Do not refuel while engine is running.
	Water supply requirements	Ensure that all supply hoses and delivery system are fitted correctly. Connect to clean town water supply – DO NOT operate from tank, pond or pool. Incoming water supply must deliver double the flow of the machine.	Use approved hose fittings only Ensure adequate water volume from tap. Check supply volume at machine.
3. Risks to other persons	Injury to other persons	Prevent other persons entering areas where high pressure water blaster is used. Never direct a jet of high pressure water towards other persons or own body. Do not direct high pressure water jet at animals or live electrical equipment. Provide other workers who must be in work area with appropriate protection.	Prevent access into working area. Do not use to clean clothing or footwear. Exercise care when using cleaner. Wear eye and body protection.
4. Risks to property and public	Injury or harm to persons or property	Provide containment screens around work where adjoining areas may be affected by water spray containing chemicals or other harmful or damaging substances. Avoid working in windy conditions when others may be affected by spray drift. Programme work to minimise exposure of public and other persons to risk. Contain contaminated runoff to prevent pollution of the environment. Do not allow contaminated water to enter drains, sewers or waterways.	Provide safe access for public past work area – use opposite footpath if necessary. Check conditions before starting. Provide spill control mats and spill socks to prevent entry of contaminant into drains.
5. Start up procedures	Damage to machine	Ensure that water supply is turned on before starting machine – do not ‘run dry’. Position machine in location away from traffic and on a firm level surface. Ensure that water supply hose, extension leads, and delivery hoses are located to prevent them being damaged or causing a trip hazard to persons on site. Ensure that machine is secure from movement while operating. Always follow operating instruction when starting machine (including warm up).	Do not run dry for more than 15 seconds. Prevent unintended movement in use. Keep extension leads off ground. Check system for leaks before using.

Sequence	Identified hazards	Key processes to be followed	Precautions / PPE required
6. Operation	Foreign matter in eyes Skin irritation Slips and falls Damage to cleaner	Avoid water splash containing cleaning agent and foreign matter when cleaning. Wear waterproof clothing to prevent overspray and splash back resulting in operator's clothing becoming wet with contaminated water when cleaning. Protect hands from detergent and high pressure water jet or spray when cleaning. Keep balanced posture, sound footing and hold trigger gun and spray lance firmly. Use only recommended detergents and cleaners to prevent premature wear. Turn machine off if break longer than recommended will be made between uses. Release pressure from system using trigger gun after job complete or work ended.	Wear goggles and/or face shield . Wear heavy duty wet weather clothing . Wear PVC or similar gloves . Avoid recoil when using cleaner. Ensure good footing at all times. Refer to operator's manual for allowed idle times for individual machines.
7. Transport and storage	Damage to cleaner	Flush system with clean water before stopping machine after using detergent. Allow machine to run for 1 minute without load to cool down before stopping. Follow stop instructions for individual machines to prevent engine damage. Turn fuel off, and drain tank is machine is to be stored for long periods. Turn off water supply, and release pressure from system after engine is stopped. Release pressure by pulling trigger, and lock trigger after all pressure is released, and before disassembling hose and cleaning assemblies. Wind high pressure hose completely on to drum before moving or storing. Obtain assistance when handling heavy or awkward loads – wheel machine where possible to avoid lifting. Completely drain all water from cleaner when storing in sub-zero conditions.	Always flush system with clean water after using cleaning agents. Refer to operator's manual for allowed idle times for individual machines. Do not run for more than 15 seconds without water supply. Check filter in supply hose connection, and rinse and clean regularly. Check tyre pressure and inflate if low. Store machine in an upright position.
8. Maintenance	Moving parts and parts under pressure	Turn off cleaner and unplug from power supply before any maintenance work. Detach cleaner from water supply and drain system prior to work. Remove sieve from water connection using flat-nose pliers and wash under tap. Remove dirt and debris from high pressure nozzle using suitable needle and rinse through with water from the exit side. Check water flow quantity after cleaning.	Do not work on machine if power or water supply is turned on. Do not carry out unauthorised repairs. Use only compatible replacement parts. Do not tamper with unloader valve setting.

<p>PRECAUTIONS: The following precautions are to be observed in areas where these procedures are carried out.</p>					
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