

Document Owner: Manager Customer Planning

Deck Mounted Jet Flusher Units

This Standard Operating Procedure (SOP) covers operating the deck mount Jet Flusher Units

Health & Safety and Operational Information

Hazard Indicators



Personal Protection



Health and Safety Information	Operation's & Maintenance Documentation
<ul style="list-style-type: none"> - Health and Safety documentation. - Generic Traffic Management Plans or site-specific Traffic Management plan. - Never leave high pressure flusher unattended - Do not load beyond GVM rating - Do not operate unit unless water blaster hose reel has been locked in place - Do not exceed maximum RPM or water pressure during operation - Always use Traffic cones at all work areas and open manholes to stop bystanders, children & animals entering work area. - Do not preform repairs or maintenance under the vehicle while the engine is running. - Do not do any maintenance on the hydraulic system while the system is under pressure. - Prior to operation, inspect the unit according to the daily maintenance checklist. - Do not touch or grab the driveshaft while the engine is running - Never modify your machine in any way unless permitted by the manufacturer 	<ul style="list-style-type: none"> - Jet Flusher Operation and Maintenance Manual – Reference to specific Flusher Manual
Customer Information (Confidential)	Priority Customer Categories
Emergency Procedure / Escalation	Additional Documentation
<p>Emergency</p> <ul style="list-style-type: none"> - Make "Site Safe" and isolate risks to people or property with resources at hand <p>Escalate if extra resources required or problems occur!</p> <ul style="list-style-type: none"> - Escalate to Team Leader and inform of the issues faced and/or expected resources required if necessary. 	

Required Skills, Competencies (Qualifications and/or Certifications)

Competent persons only, Knowledge of unit operations & risk, Proper safety PPE

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Required Equipment

Equipment and Information	Details
Fully Equipped Vehicle	Ensure vehicle, plant, equipment and materials appropriate to the day's work schedule is available

Prepare to do the work

Action	Action Details
Pre-Start Process	<p>Complete the Daily Pre-Start - Planning Reactive Maintenance</p> <p>Check water tank level and top up if required</p> <p>Check all hoses, nozzles, attachments and reels are free from any damage/leaks</p> <p>Check that all E-stops are functioning correctly</p> <p>Check for oil leaks</p> <p>Check oil levels in pumps and top up if required</p> <p>Check that all safety barriers are in place and operational</p> <p>Check that appropriate hoses, attachments and nozzles are available for the intended work</p> <p>Drain filter traps of any debris</p>
Compliance	Ensure that electrical items have current certificates.
Training	Persons authorised to operate the Jet Flusher Unit shall be trained by Wellington Water Operations Team Leader Drainage.

Perform the work

Action	Trade	Action Details
Inspect	Serviceperson	Take note of operating parameters for the Jet Flusher Unit during the work. Note any abnormalities.
Inspect	Serviceperson	Check operation of hoses, nozzles and attachments, note any leaks or damage. If any leaks or damage fit LOTO.
Inspect	Serviceperson	Check water level of tank during operation. Refill if necessary
Maintenance	Serviceperson	Ensure pump has correct delivery hose and attachments.

Maintenance Schedule

Action	Trade	Action Details
Maintenance	Serviceperson	First service @ 6 hrs operation (free) running in
Maintenance	Serviceperson	Second service @ 20 hrs operation visual
Maintenance	Serviceperson	Third service @ 50 hrs operation visual
Maintenance	Serviceperson	Fourth service @ 250 hrs operation
Maintenance	Serviceperson	Serviced every 250 hrs thereafter
Inspect	Serviceperson	Check oil level every service
Maintenance	Serviceperson	Replace oil every 1500 hours or at least yearly
Maintenance	Serviceperson	Check pump drive belt alignment every service
Maintenance	Serviceperson	Check pump drive belt tension every 1500 hours