

# RISK ASSESSMENT

## RISK ASSESSMENT



Date: 28/7/10

TASK: Pressure Washer Operation

ASSESSED BY: G. Whitehead

Includes All Models including Trailer and Skid-mounted units like D10M-36C-T, D10M-36C-TO, D10M-36C-BB

ELEMENT / STEP	HOW CAN PEOPLE GET HURT	CONSEQUENCE	CONTROL MEASURE
Manoeuvring / Handling Machine and Equipment	Pushing, Pulling, lifting, Carrying.	Low / Medium	Observe Correct Manual Handling Procedures Asses weight before lifting - seek assistance Use Mechanical Lifting Device
	Crushing Injuries from unintentional Machine Movement	Low / Medium	Make sure Machine is on firm Level Surface Chock Wheels , apply Park Brake
Refuelling / checking oil levels	Skin irritation from Fuel / Oil Contact	Low	Read and understand MSDS for Fuels and Lubricants Wear Appropriate PPE
	Fire Hazard	Medium	Stop Machine , Allow to cool before refuelling. Ensure correct fuel is used <b>CAUTION - DO NOT FILL DIESEL TANKS WITH PETROL</b> Exercise extreme care when handling Fuel.
Location of Pressure washer for Operation	Crushing Injuries from unintentional Machine Movement	Low / Medium	Make sure Machine is on firm Level Surface Chock Wheels , apply Park Brake
	Respiratory Aggravation from inhaling Exhaust Fume	Medium / Severe	Ensure Machine is located in a well ventilated area when running. ALL Exhaust fumes to be vented externally Do not run in confined space
Operation of Pressure Washer	High Pressure Water Injuries to Body	Medium / Severe	<b>CONDUCT SITE SPECIFIC RISK ASSESSMENT</b> <b>DO NOT OPERATE PRESSURE WASHER UNLESS QUALIFIED AND AUTHORISED TO DO SO</b> <b>READ MANUFACTURERS INSTRUCTIONS</b> <b>WEAR ALL REQUIRED PPE</b> <b>BARRICADE WORK AREA - RESTRICT ACCESS</b> <b>ERECT HAZARD WANING SIGNS</b> <b>DO NOT USE WITHOUT PROTECTIVE SHEATH ON OPERATORS</b> <b>END OF HIGH PRESSURE HOSE</b> <b>DO NOT USE IF EVIDENCE OF WATER LEAKS</b> <b>IN THE EVENT OF A WATER JET INJURY - SEEK IMMEDIATE MEDICAL ATTENTION</b>

# RISK ASSESSMENT

ELEMENT / STEP	HOW CAN PEOPLE GET HURT	CONSEQUENCE	CONTROL MEASURE
Operation of Pressure Washer	Eye / Skin damage form flying debris	Low / Medium	Use appropriate PPE including goggles / face mask, long shirt sleeves and long trousers and gloves
	Exposure to High Noise levels from Petrol / Diesel powered Pressure Washer	Low	Use appropriate PPE ear plugs or muffs. Do not operate machine with faulty Muffler / Exhaust systems
	Trip, Slip and falling	Medium	Extreme caution to be taken with hoses on the ground /tripping Wet ground slipping wear appropriate non slip footwear If used on platforms must be approved access platform
	Burns from contact with hot engines /exhaust systems and pressurised hot coolant system	Medium	Exercise extreme caution - allow to engine / radiator cool before touching / repairing / checking.
	Electrical Hazards from contact with power outlets cables machinery	Medium / High	Personal care to be taken at all times. All electrical leads and power points to be safe , serviceable and tagged, no exposed wiring or damaged leads, inspect before use. Do not pressure wash electrical components / parts / motors / switchgear or power sockets Unplug Machine when switched OFF
	Burns from Hot Water Boiler Systems	Medium	Be aware of hot components - Water / Gun / Lance / Hose / Boiler appropriate PPE Allow to cool before carrying out any maintenance / inspection
	Burns from Hot Exhaust Gases	Medium	Do not approach exhaust stack with any part of body Switch OFF and allow to cool before any inspection / maint
Trailer	Trailer running away	Medium-High	Trailer equiped with mechanical disk brakes. Engage when disconnected from tow vehicle.
	Handbrake failure and trailer running away	Low	Chock blocks supplied with machine. Use two chocks on one wheel (front and back) when parked.