

	<p>HEALTH, SAFETY, ENVIRONMENT AND QUALITY MANAGEMENT SYSTEM</p> <p>44.0 DENJET</p> <p>ON THE JOB TRAINING</p>	<p>OJT : 044 Page : 1 of 5 Date : 07-Nov-25 Rev : 10.1 Appr : DPA</p>
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VESSEL: _____

DATE: _____

Details of Training: Use of Denjet

Following training conducted:

- Operation of Denjet equipment as per Maker instructions
- Safety instructions while using denjet
- Checks while using Denjet
- PPE to be used while operating Denjet

Note:

- Toolbox meeting to be conducted each time prior use of Denjet
- Risk assessment in use of Denjet to be made and uploaded in CFM

Training conducted to all senior officers on board:

Verified by: Master _____

Feedback:



SAFETY INSTRUCTIONS:

- **Always treat the water blaster in the same way as any other power driven high speed cutting tool and/or Sand blasting machine – this is NOT a toy.**
- **Always wear safety gear as provided by Den-Jet when operating the machine.**
- **Make sure the in-coming electrical cable is connected to Earth. All installations should be done by an electrician /Nominated engineer.**
- **Always check the high pressure hoses and electrical cable for damage / cracks before starting operation.**
- **Make sure that no other person is closer than 4 meters of the operator at all times when machine is in operation.**
- **Never direct the jet at yourself or others.**
- **Never try to clean the machine or your footwear using the water jet.**
- **NEVER tie the trigger – it will prevent the trigger from shutting down the machine in case the operator loses the grip of the gun.**
- **Change operator every 20 min to prevent tiredness.**
- **Make sure the machine is turned off and power is disconnected from main power supply before service and repair.**

Daily Check for operating Den-Jet CE40



Steps to follow before starting the machine:

- Make sure the machine is located in a safe position.
- Remove the gun from the high pressure hose.
- Add the number of hoses you need for the operation – make sure the connections/end-fittings are clean before tightening. Check there are not cuts on the hoses.
- Make sure the electrical cable is safely plugged in.
- Check filter inside the tank (take out and clean if necessary)
- Make sure the water tank is clean without any dirt/ deposits.
- Make sure the Ultra Impact nozzle has been filled with oil.(FULL)
- Make sure that nozzles are clean (Not blocked)
- WEAR YOUR HIGH PRESSURE SAFETY GEAR (HELMET, VISOR, SAFETY APRON, GLOVES and SAFETY BOOTS)

Starting the Machine for pre-operation checks :

- Start the machine with the number of hoses needed (NO gun attached) – let the machine run for 30 seconds to remove any dirt in the hoses / system.
- Motor rotating is correct (anti-clock-wise)
- Check pressure gauge on filter housing (both gauges should be the same – if not stop machine and check condition of filter cartridge – change if necessary)
- Check for any leakage on the pump and hoses.
- Stop the machine.

Starting operation:

- Attach the gun with the Ultra impact nozzle to the high pressure hose.
- Start the machine.
- Check again for any leakage on the pump, hoses, fittings and Ultra Impact Nozzle
- Ready for operation – be careful of other people in the area.
- The water being used must not exceed in any way 50 degree Celsius.

During Operation:

- Gun Trigger must be **Fully squeezed** or at off position
- You can NOT regulate the pressure of the machine in any way
- Every 8-10 Hours of Operation check the Oil level at the Ultra Impact – Top up if not FULL.
- Small leakage at top of the Ultra Impact body is acceptable.
- Be careful not to touch the surface with the Ultra Impact nozzle during operation as it will Damage the nozzle inserts/tips.
- Resting the gun by putting the nozzle head on the deck will damage the Ultra Impact nozzle.
- **Change operator every 20 min - tired operator = possible injury**

End of Operation:

- Switch off the power supply.
- Remove the gun from the high pressure hose and store it safely.
- Dismantle the high pressure hoses and coil the hoses (be careful not to damage the End fittings). If possible rinse the hoses with fresh water to remove salt.

DENJET – PPE

Item	photo
<p>Safety helmet c/w net visor and ear muff. Helmet: EN397. Net Visor: EN 1731:2006. Ear muff: EN 352-3:2002</p> <p>Part Number: 81600601</p>	
<p>Waterproof glove with protection for high pressure. The glove has a rough, sand patterned surface and the material itself provides lots of friction, all for the best grip on the tools. Supplied with separate inner glove in nylon for good comfort.</p> <p>Part Number: 81600669</p>	
<p>Water jetting boot for up to 1200 bar (17400 psi) will protect the foot and the lower part of leg against water jet penetration.</p> <p>Available in size 43-45.</p>	

DENJET – PPE

Safety Apron - the full area of the Apron has built-in protection. Ideal to wear in warm environments. The position of the Apron can be changed with the adjustable neckband.

The Apron comes in one size. Weight 1.4 kg / 3.0 lbs.

Max pressure 1250 bar (18125 psi):Part Number : 81600648



Hose protection. The gun is held near vital parts of the body the hose protection prevents injuries due to hose failure.

The adjustable strap holds the hose protection securely in place.

