

The instructions recommended within this document apply to normal risk conditions. If the Diesel Pump is to be operated in a dangerous or hostile environment, the user/client is responsible for conducting an appropriate risk analysis and applying suitable controls to mitigate those additional risks.

This instruction should be read in conjunction with the Risk Assessment.

GENERAL SAFETY

- Wear appropriate PPE (safety footwear, hearing protection, safety gloves and Hi-Vis jacket)
- Beware tipping of trailer when turning or on uneven ground
- Check that trailer towbar and connections are not damaged
- Ensure jockey wheel is properly positioned for parking or retracted for travel
- Ensure stabilisers are retracted when travelling
- Ensure wheels are chocked and brake applied when parked
- Ensure cables are not lying on the ground or in a position to cause tripping
- Tripping over laid hoses
- Avoid burns from hot engine
- Fire from fuel or oil leaks

TRANSPORT OF SKID MOUNTED UNIT

1. Ensure unit is firmly tied down on transport using designated anchor points
2. Do not exceed speed limit

PARKING

- Park on level ground and away from other work areas or enclosed spaces to avoid hearing damage
- Apply brake, lower jockey wheel and chock wheels for trailer unit
- Remove tail light cable and safety chain for trailer unit
- Ensure parked unit is not too close to traffic to be hit by a vehicle
- Ensure parked unit will not hinder or endanger pedestrian traffic
- Install safety barriers if necessary

OPERATING CONDITIONS

- Check fuel, oil and radiator levels
- Close all pump valves
- Make sure strainer is fitted on suction hose
- Attach hoses before switching on
- Know where emergency shut-down is
- Place suction hose in water
- DO NOT LAY HOSES WHERE THEY CAN BE DRIVEN OVER
- Turn key to start position
- DO NOT LEAVE MOTOR RUNNING WHEN UNATTENDED

SHUT DOWN PROCEDURE

- Switch off
- Roll up delivery hose and disconnect suction hose

INSPECTION AND MAINTENANCE

- Check condition of trailer, towbar, jockey wheel and lights
- Check for fuel, oil and radiator leaks
- Check cables and connections for damage

The above instructions must be followed at all times. If any of the instructions are not possible, contact the site supervisor for an assessment of any safety requirements.

Diesel Pump Risk Assessment

www.rapidhire.net.au

We are located at:
 10 Kerryl Street, Kunda Park Qld 4556
 Email: info@rapidhire.net.au
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Likely Risk Issue	Who/ What may be harmed? (Specific Persons)	What is the Rate Level? (Rate risk as Low, Medium or High)	What Risk Control Actions Needs to Be Taken? (What needs to be considered so that the risks are identified and effectively controlled)	Time Frame
Towing mechanism where applicable	Participants Operators Spectators Staff	Severity of Risk (S)- 2 Likelihood of Risk (L)- 2 Overall Risk (S x L)= 4 MEDIUM	<ul style="list-style-type: none"> Towbar connection to be checked to ensure ball location is complete, locking pin is in place, chain is connected and jockey wheel raised. Tail lights to be checked to ensure ail, brake and trafficator lights are functioning Tail light cord to be raised off ground when not in use Ensure brake cables are correctly adjusted 	Every Hire
Rollover of pump	Participants Operators Spectators Staff	Severity of Risk (S) - 2 Likelihood of Risk (L) - 2 Overall Risk (S x L) = 4 MEDIUM	<ul style="list-style-type: none"> Operators to be vigilant to ensure ground is solid and level Never position too close to soft or steep incline All persons to be kept clear if a skid mounted pump is lifted on and off a vehicle. Operator to check all lifting straps or chains and ensure they are used at correct lift points on skid mounted units 	Every Hire
Leaking fuel causing fire or slipping hazard	Participants Operators Spectators Staff	Severity of Risk (S)- 3 Likelihood of Risk (L)-1 Overall Risk (S x L)= 3 LOW	<ul style="list-style-type: none"> Operators to check machine daily for fuel and oil leaks around work area Unit to be turned off and cool before refuelling and ensure fuel cap is replaced firmly Unit to be serviced regularly Fuel storage to be well clear of machine and any hot areas Ground to be checked for fuel spills and any spills rectified Firm footwear to be worn and care taken to prevent slips and trips 	Every Hire
Burns from contact with hot engine	Participants Operators Spectators Staff	Severity of Risk (S)- 3 Likelihood of Risk (L)- 2 Overall Risk (S x L)= 5 MEDIUM	<ul style="list-style-type: none"> Operator checks to be vigilant Gloves to be worn when touching hot engine or making engine adjustments No loose clothing near engine fan. 	Every Hire
Pumping of corrosive chemicals or water containing toxic substances	Participants Operators Spectators Staff	Severity of Risk (S)- 3 Likelihood of Risk (L)- 2 Overall Risk (S x L)= 6 MEDIUM	<ul style="list-style-type: none"> Operators to assess what is to be pumped prior to use Do not pump flammable fluids, corrosive chemicals or toxic substances 	Every Hire
Carbon Monoxide Poisoning	Participants Operators Spectators Staff	Severity of Risk (S)- 3 Likelihood of Risk (L)- 2 Overall Risk (S x L)= 6 MEDIUM	<ul style="list-style-type: none"> Unit should always be operating outside and unit exhaust is not near any windows, doors or vents and is well clear of any work areas Operator to stop pump immediately if any distress is noted 	Every Hire

Calculation of Risk Evaluation

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Severity of Risk (S) is judged by evaluating the effects of the hazard if the risk occurs. This is evaluated as Minor = 1, Major = 2, Serious = 3

Risk Likelihood (L) - The likelihood of the harm occurring is evaluated on the basis of: Unlikely = 1, Possible = 2, Likely = 3

Overall Risk is calculated by multiplying the figure for Severity (S) and Likelihood (L).

The overall risk figure calculated is related to the Risk Level of either Low: 1 to 3; Medium: 4 to 6 or High: 7 to 9

NB This is a generic risk assessment only. It is advisable to carry out a site-specific assessment prior to using this equipment.