AUSSIE HIGH PRESSURE BLASTER RISK ASSESSMENT

MODELS:

In line with the National Occupation Health & Safety Commission's requirements the data below applies to the following models of Aussie Scud high pressure water blasters:

- Scud 100 (Class A)
- Scud 350 (Class A)
- Scud 351 (Class A)
- Scud 400 (Class A)
- Ultra A (Class A)
- Predator A (Class A)

CLASS A BLASTER AS/NZS 4233.1

Scan for FREE online safety training

NB: Class A machine operators do not require certification under AS/NZS 4233.1

Aussie Pumps provides training for all Class A machine operators FREE of charge

DESCRIPTION:

Engine drive high pressure cold water blasters designed for professional cleaning applications.

MATERIAL CONSTRUCTION:

Aussie Scud pressure washers are mounted on heavy duty trolley mounted frames. They consist of a quality internal combustion Honda petrol engine, or diesel drive engine, powering a triplex, three piston high pressure pump. The machines are supplied with wheels for ease of portability and manoeuvrability. The machines can be supplied with hose reels and up to 45 metres of high pressure hose to increase operator convenience.

RISK RANKING METHOD:

Risk is the combination of the likelihood of a specific unwanted event and the potential consequences if it should occur.

RISK RANKING TABLE:

The consequences (loss outcomes) are combined with the likelihood (of those outcomes) in the risk ranking table to identify the risk rank of each loss event (e.g. a consequence of 'Moderate' with a likelihood of 'Likely' yields a risk rank of 17).

The table yields a risk rank from 1 to 25 for each set of probabilities and consequences. A rank of 25 is the highest magnitude of risk that is a highly likely, very serious event.

A rank of 1 represents the lowest magnitude of risk, an almost impossible very low consequence event.

Controls must be taken to either eliminate or minimise the risk

Likelihood	Use the matrix to determine the risk	Consequences				
		Insignificant	**Minor**	**Moderate**	**Major**	**Catastrophic**
	Almost certain	High 11	High 16	Extreme 20	Extreme 23	Extreme 25
	Likely	Moderate 7	High 12	High 17	Extreme 21	Extreme 24
	Possible	Low 4	Moderate 8	High 13	Extreme 18	Extreme 22
	Unlikely	Low 2	Low 5	Moderate 9	High 14	Extreme 19
	Rare	Low 1	Low 3	Moderate 6	High 10	High 15

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Risks associated with operating a high pressure cleaner … for use in daily SAFE WORK METHOD STATEMENT

Hazard	Risk	Risk Rating	Controls
Entanglement with hose (tripping, falling)	Personal injury of the operator or bystanders	13	♦ Warning decal on machine ♦ hose reel option ♦ Ensure firm footing before operating machine
Injury from high pressure water	Personal injury of the operator or bystanders	13	♦ Warning decal on machine ♦ Wear eye protection & PPE ♦ Use high pressure resistant gloves ♦ Always point spray jet at area to be cleaned ♦ Use barriers to keep bystanders away from work area ♦ Stop jetting if persons enter working area ♦ Never leave machine unattended ♦ Never point hose at any person or animal ♦ Never put your hand over the spray nozzle when operating ♦ Stop operating if a malfunction occurs
Suffocation	Fatality is the risk	18	♦ Warning decal on machine ♦ Do not operate engine without suitable ventilation ♦ Train operator on safe working in confined spaces
Ergonomic lifting or movement on site,	Personal injury	18	♦ Warning decal on machine ♦ Staff training
High temperature (from engine muffler and other components)	Burns to operator	11	♦ Warning decal on machine ♦ Keep clear of hot engine parts
Battery exploding if not charged correctly	Acid burns	14	♦ Warning decal on battery ♦ Wear eye & face protection when working near battery
Fire or explosion	Serious injury, burns	18	♦ Do not operate in explosive atmosphere ♦ Turn off engine & allow engine to cool before refuelling ♦ Warning decal on machine
Unsecured machine, moves unattended	Cause of accidents and/ or injury	8	♦ Warning decal on machine ♦ Use of chocks behind wheels or ute mounting kit
Noise	Hearing damage	11	♦ Use of ear protection
Dislodged particles in atmosphere	Sight damage	20	♦ **Never clean asbestos** with high pressure water ♦ Use of eye protection
Slipping on wet surface	Personal injury	17	♦ Use of proper footwear
Contact with chemical cleaners used to clean surfaces	Skin contact could result in burns, skin irritation etc. Fumes from some chemicals may lead to respiratory problems	22	♦ Chemical cleaners to only be used as a last resort when other methods have failed. ♦ Areas to be kept well ventilated. ♦ Staff to follow manufacturers' instructions at all times for use, storage & disposal. ♦ Staff to wear the appropriate PPE ♦ Respiratory protection when required