



AUSSIE ECO-CLEAN COLD WATER ENGINE DRIVE PRESSURE CLEANER RISK ASSESSMENT

May 2011

MODELS:

In line with the National Occupation Health & Safety Commission's requirements the data below applies to the Aussie Eco-Clean cold water pressure cleaner model number:

MODEL SCUD 400



DESCRIPTION:

Engine drive high pressure cleaners and hydro blasters designed for both domestic and professional cleaning applications.

MATERIAL CONSTRUCTION:

Aussie engine drive pressure cleaners are mounted on heavy duty steel skids or trolley mounted frames. They consist of a quality internal combustion petrol or diesel engine driving a triplex style three piston high pressure pump. All machines except the basic Panther and Tiger units are supplied with wheels for ease of portability and manoeuvrability.

The machines can be supplied with longer length hoses 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.

PROBABILITIES:

- A. Common or repeating occurrence.
- B. Known to occur or "it has happened".
- C. Could occur, or "I've heard of it happening".
- D. Not likely to occur.
- E. Practically impossible.

CONSEQUENCES FOR PEOPLE:

- 1. Fatality or permanent disability.
- 2. Serious lost time, injury or illness.
- 3. Moderate lost time, injury or illness.
- 4. Minor lost time, injury or illness.
- 5. No lost time.

RISK RANKING METHOD:

For each event, the appropriate probability (a letter A to E) and consequences (a number 1 to 5) is selected.

RISK RANKING TABLE:

The consequences (loss outcomes) are combined with the probability (of those outcomes) in the risk ranking table to identify the risk rank of each loss event (e.g. a consequence of 3 with a probability of B yields a risk rank of 9).

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

A rank of 25 represents the lowest magnitude of risk, an almost impossible very low consequence event.

C O N S E Q U E N C E	PROBABILITY				
	A	B	C	D	E
	1	2	4	7	11
	2	5	8	12	16
	3	9	13	17	20
	4	10	14	18	23
5	15	19	22	24	25

SIGNED
QUALITY CONTROL MANAGER

POTENTIAL HAZARD:

Hazard	Yes/No	Risk	Risk Rating	Controls
Entanglement from high pressure hose (tripping, falling)	Yes	Operator other person's personal injury	13	Warning stickers, hose reel option
Injury from high pressure water	Yes	Personal injury of the operator or bystanders	13	Warning notice on machine, warning in Operator's Manual, availability of safety clothing
Suffocation	Yes	Fatality is the risk	7	Machine decal warning about operation in confined spaces
Ergonomic lifting or movement on site	Yes	Personal injury	8	Machine decal warning about correct lifting procedures, Operator's Manual
High temperature (from engine muffler and other components)	Yes	Burns from muffler	15	Warning sticker on machine
Fire or explosion caused by refuelling engine while running	Yes	Serious injury, burns	8	Warning sticker on machine
Unsecured machine, moves unattended	Yes	Cause of accidents and/or injury	18	Warning sticker "Secure Machine during Operation"
Noise	Yes	Hearing damage	15	Warning sticker regarding ear muffs to be used during operation
Dislodged particles in atmosphere	Yes	Sight damage	6	Warning regarding wearing safety glasses.
Slipping on wet surface	Yes	Personal injury	9	Warning sticker regarding proper footwear.

RELIABLE PRODUCTS RELIABLE PEOPLE

AUSTRALIAN PUMP INDUSTRIES

7 Gladstone Road, Castle Hill NSW 2154

Ph: 8865 3500 Fax: 9894 4240 Email: info@aussiepumps.com.au