



INCIDENT ALERT

General Information

Date of Incident	14/3/2018
Type of Incident	Lost time incident

About the Person

Occupation of Person	Level 5 Driver Operator
Experience of Person	12-24months
HPWJ Training Level	Class B Operator was performing task
Other Training	Operator performing task was trained to MSA07 High Pressure Water Jetting Operator. The person injured was an experienced vacuum tanker operator.
No. of Hours Completed	6-8 hours into job

About the Incident

Time of incident	1330
Result of Injury/Damage	The worker suffered an orbital fracture and vision impairment
Lost Days	12 minimum
Description of Incident	Hit in face with end of 25mm sewer hose with a not – fit - for - purpose reducer attachment fitted on end of hose
What Equipment Category	Industrial Services Combination Vehicle
Equipment Used	Industrial Services Combination Vehicle equipped with Vacuum and Low pressure high volume sewer hose
What Was Person Doing	Cleaning a wash down sump utilising an Industrial Combination Vehicle
What happened unexpectedly	Whilst vacuuming sump, the 25mm sewer hose was used to provide wash down water. A reducer was used on end of sewer hose to provide a stream of water. The reducer being used was not - fit - for - purpose. Rubber washers in reducer fitting have blocked outlet resulting in pressure build up and loss of control with sewer hose.

Corrective Action

What Immediate Action	Shutdown of Industrial Services Unit and initiated emergency response / first aid
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Preventative Action

Elimination	All Industrial Services Units audited to ensure only company supplied fittings are used on vehicles – Remove any not - fit - for - purpose equipment if found on vehicles.
Substitution	Working with industry and equipment supplier
Isolation or barriers	
Engineering	All fittings and equipment to be in line with AS/NZS 4233
Administration	Review SWMS
PPE	

LEARNINGS

Recommendations to industry: Mine operators and contract companies should review the use of non-genuine hoses, nozzles and fittings. Mine operators and contract companies should also review the training their workers have received in relation to the potential hazards associated with blockages in pressurised systems.



Not fit for purpose fitting used.