



INCIDENT ALERT

General Information

Date of Incident	27 th June 2014
Type of Incident	Incident with Potential for Injury

About the Person

Occupation of Person	HPWJ Operator/Technician
Experience of Person	2 to 5 years
Training Level	Company High Pressure Water Jetting Course
Other Training	Ausjet Hydroblasting Induction
No. of Hours Completed	12

About the Incident

Time of Accident	02:00am
Result of Injury	Nil
Lost Days	Nil
Description of Incident	Near miss
What Equipment Category	Class B Jetting unit
Equipment Used	HPWJ hand gun
What happened unexpectedly	The operator was setting up a gun to water jet heat exchanger faces. When the pressure was engaged a leak was detected from whip a hose fitting. The task was stopped and made safe and the fitting was tightened up and the system was re-pressurised. Water was still issuing from the hose shroud that covered the whip hose from gun. The task was stopped and again made safe and the operator then took the hose and shroud apart and found whip hose had a hole in it and also that the hose was out of test date.
What Was Person Doing	Cleaning heat exchanger faces.

Corrective Action

What Immediate Action	Stop job. Changed out hose.
-----------------------	-----------------------------

Preventative Action

Elimination	
Substitution	
Isolation or barriers	
Engineering	
Administration	Reviewed inspection procedure
PPE	

LEARNINGS

Hose inspections should be in accordance with AS/NZS 4233.1 below.

3.2.3 Hose assemblies

3.2.3.1 Hose inspection

All hose assemblies shall be visually inspected prior to each use to ensure the following:

- (a) The correct pressure rating and size is selected.
Operators shall ensure the pressure rating of the hose assembly is adequate for the intended application
- (b) There is no apparent structural damage, e.g. corroded or broken wires, bulging, kinking or cuts.
Where the hose assembly shows evidence of damage, steps shall be taken to determine its serviceability before use.