



# INCIDENT ALERT

## General Information

Date of Incident	17/9/2013
State	WA
Type of Incident	Lost Time Incident

## About the Person

Occupation of Person	HPWJ operator
Experience of Person	Unknown
Training Level	Unknown
Other Training	Unknown
No. of Hours Completed	Unknown

## About the Incident

Time of Accident	11:00am
Result of Injury	Hospital inpatient
Lost Days	Unknown
Description of Incident	Water injection injury to left hand
What Equipment Category	Lance work using a 1000bar HPWJ pump
Equipment Used	Flexi lance
What happened unexpectedly	The flexi lance ruptured under the operator's hand causing the injection of high pressure water into the palm under the index finger.
What Was Person Doing	Using a flex lance to clean pipes.

## Corrective Action

What Immediate Action	Immediate releasing of the hold to activate device by the safety observer Operator transported to Hospital for treatment. Incident Investigation commenced. Note: The failed hose was last tested in 2009.
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## Preventative Action

Elimination	
Substitution	
Isolation or barriers	
Engineering	Investigate mechanical/engineering solution to remove the operators from the line of fire.
Administration	An investigation was conducted and an internal safety alert issued. Updating of the site hose register. Formal risk assessment for flex lancing HPWJ tasks. Develop a training package for flex lance operation and associated equipment
PPE	Source 500bar gloves for flex lancing.

## LEARNINGS

HPWJ hoses must be managed, site hose registers must be maintained to ensure hoses are fit for purpose, Supervision must conduct regular site visits, regular refresher technical training is needed where exposure is infrequent and correct planning and choice of equipment is vital