



INCIDENT ALERT

General Information

Date of Incident	15 th August 2014
Type of Incident	Incident causing 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	2

About the Incident

Time of Accident	09:00am
Result of Injury	Medical treated
Lost Days	Nil
Description of Incident	Laceration to left thigh requiring three stitches
What Equipment Category	Class B Jetting unit
Equipment Used	HPWJ Flex Lance

What happened unexpectedly	The operator was running up the jetting pump after a tea break, the JSEA stated that a mechanically fitted back out preventer (Anti-withdrawal device) was to be used but this step was overlooked. Pressure was taken to 1,000bar then dumped losing the pressure immediately, the operator attempted to move the foot pedal while the system was still pressurised, he overbalanced and the lance exited the tube striking him in the left thigh.
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What Was Person Doing	Cleaning spider tubes
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Corrective Action

What Immediate Action	Job shut down and individual had first aid administered. All notifications sent and investigation started.
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Preventative Action

Elimination	
Substitution	
Isolation or barriers	
Engineering	Manually held anti-withdrawal devices to be used when cleaning pipes and tubes
Administration	All personnel instructed to adhere to the JSEA at all times.
PPE	Kevlar Apron now included for tube cleaning tasks

LEARNINGS

Anti-withdrawal devices should be mechanically held to stop inadvertent withdrawal of a hose/nozzle assembly while still under pressure.

Body Armour made from material that can withstand the direct force of a jet of high pressure water shall be considered when planning HPWJ tasks.

Never deviating from documented procedures or JSEAs without input from supervision.