



# INCIDENT ALERT

## General Information

Date of Incident	May 2014
Type of Incident	Medical treatment

## About the Person

Occupation of Person	HPWJ Operator
Experience of Person	Unknown
Training Level	Company Induction,
Other Training	Unknown
No. of Hours Completed	Unknown

## About the Incident

Time of Accident	
Result of Injury	Medical treatment
Lost Days	Nil
Description of Incident	Fracture to rib and bruising to the chest.
What Equipment Category	Class B Jetting unit
Equipment Used	Hammelmann SP 1000 bar HPWJ hand gun

What happened unexpectedly	The operator was using a Hammelmann SP 1000 bar HPWJ hand gun to clean grid mesh and was in the process of moving his feet to reposition himself, and stepped over the pressure hose when he stumbled. He released immediately released the hand gun trigger however it failed to stop the water flow. He tried to re-direct the nozzle end of the hand gun away from his body. He further lost his balance and was pushed sideways several metres away contacting a nearby sample pump and injuring himself.
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What Was Person Doing	Cleaning Grid mesh
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## Corrective Action

What Immediate Action	<p>The Operator was taken to the first aid facility &amp; provided with additional medical treatment            ICAM investigation initiated in liaison with the client.            A simulation exercise was conducted and the equipment inspected, results were:</p> <ul style="list-style-type: none"> <li>• The Hand Gun internals were contaminated with product with the Control Piston being very tight - indicating it may have jammed when the Operator tried to release the trigger</li> <li>• All similar guns to be inspected to ensure a similar fault is not present.</li> <li>• Details of the simulation exercise and results of the equipment inspection that was conducted was circulated to assist in the inspection of all guns</li> </ul>
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## Preventative Action

Elimination	
Substitution	
Isolation or barriers	
Engineering	
Administration	The inspections on the gun have been revised.
PPE	

## LEARNINGS

The rubber protective boot on the Hand Gun had a split and may have allowed ingress of contaminants into the internals.
The servicing and maintenance of equipment should be integrated into business systems
A longer barrel length (i.e. greater than 1200mm) was being utilized in a congested area.