



INCIDENT ALERT



General Information

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| Date of Incident | 30/10/2024 |
| Type of Incident | High Pressure Water Jetting Injury |
| About the Person | |
| Occupation of Person | Operator |
| Experience of Person | 30 years |
| HPWJ/Vac Training Level | Completed HPWJ and Vacuum Loading |
| Other Training | <ul style="list-style-type: none">• Confined Space Entry• Managing risk• Construction Card |
| No. of Hours Completed (On shift that day) | 3.5hours |

About the Incident

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| Time of incident | am |
| Result of Injury/Damage | LTI |
| Lost Days | 11 Days |
| Description of Incident | A worker sustained a water injection injury to the palm of their left hand. |
| What Equipment Category | Class A |
| Equipment Used | Class A High Pressure Water Jetting Pump. |
| What Was Person Doing | Cleaning cooling water tunnels with a Class A gun. |
| What happened unexpectedly | The worker was using a shifter to remove the nozzle head of the HPWJ when the trigger of the gun was accidentally activated, and high-pressure water pierced the worker's gloved hand at 1500psi. |

Corrective Action

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| What Immediate Action | <ul style="list-style-type: none">• The worksite was preserved and WorkSafe notified.• A WorkSafe inspector contacted the Clients Advisor to discuss the incident and released the worksite under the condition that the HPWJ equipment was inspected, and the work party held a Toolbox on |
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| | <p>the incident.</p> <ul style="list-style-type: none"> The work party reviewed their SWMS and detailed controls to manage risks when changing nozzle heads on HPWJ. |
| Preventative Action | |
| Elimination | |
| Substitution | |
| Isolation or barriers | Depressurise the HPWJ system. |
| Engineering | <p>Depressurise the HPWJ system and turn the pump off prior to making any adjustments to the HPWJ System.</p> <p>Implement double acting, hold to activate triggers for Class A guns.</p> |
| Administration | Toolbox meeting to discuss the incident. |
| PPE | Review Class A PPE that can stop the reaction force of the jet of high-pressure water. |
| LEARNINGS | |
| <ul style="list-style-type: none"> Ensure the system is fully depressurised before making any adjustments. Verify that all safety latches are functioning correctly. The person controlling the water flow must have direct control of the primary stop/start device. | |

