

Talk No: 58	Title: High Pressure Water Jetting
<p>Introduction: The term High Pressure Water Jetting covers all water jetting processes, including those using additives, abrasives or chemicals where there is an energy input to increase the pressure applied to water. If not handled competently they are a potentially hazardous process due to the power of the jet and the proximity of the operator to the jetting equipment.</p>	
<p>Main points:</p> <ul style="list-style-type: none"> – Before jetting commences an area of public exclusion should be created, this can be done with the use of cones, tape, signage or screens. – The surface of the area is to be cleaned and free from debris as this can be propelled at a high velocity and cause injury or damage. – If any unauthorised entry is detected the pressure should be shut off safely and immediately. <p>Discussion points:</p> <ul style="list-style-type: none"> – The PPE required for members of a jetting team can consist of, Safety Helmet, Water Proof Gauntlets, Heavy Duty Water-Proof Overalls, Hearing Protection, Face Shield, and Safety Boots. – All equipment should be checked before use for any damage or corrosion – Don't point the jetting gun at anyone at any time – Don't leave the unit running unattended – When the unit is running and no cleaning is taking place, ensure the jetting gun is facing downwards at all time. – Don't use on a ladder – If used on a Mobile Elevated Work Platform (MEWP) or Scaffolding then the operator should be anchored to the platform by fall restraint equipment, the jetting equipment should also be secured to the working platform – Pressure injection injuries, especially to the hand and upper extremities are serious injuries, which could lead to the loss of life or limb. The pressure required to penetrate the surface of the skin is 6.89 bar/100 psi. However, pressures used for High Pressure Jetting in industry can exceed 172 bar/2500 psi. <p style="text-align: center;">—</p> <p style="text-align: center;">UNDER PRESSURE, STAY SAFE?</p>	
<p>Notes:</p>	