

# Air Operated Impact Wrench

<b>Document no.</b> SMS-06-SW-1121	<b>Work description</b> - Use of Air Operated Impact Wrench.		
	<b>Scope</b> – Applies to all air operated impact wrenches.		
<b>Review date</b>	<b>References</b> - (relevant SWMS, legislation, codes or practice, Australian Standards or manufacturer's manual) Chapter 5 of the OHS Regulation 2001 <a href="#">SMS-06-GD-0225 Plant</a> . <a href="#">SMS-06-GD-0403 Plant Risk Assessment</a> .		
Responsible supervisor	PPE and precautions;	Competencies or qualifications;	Licences or permits required;
Line Manager	<ul style="list-style-type: none"> <li>• Safety Footwear (high ankle footwear or steel capped training shoes)</li> <li>• Vibration proof gloves</li> <li>• Hard hat</li> <li>• Safety glasses</li> <li>• Hearing protection – (large compressors only) everyone must wear hearing protection within <b>5 metres</b> of the air compressor and or when with this tool working for an extended period of time</li> <li>• Long sleeved shirt – Make sure you have no loose clothing that can be caught on the compressor.</li> </ul>	<ul style="list-style-type: none"> <li>• Trained and competent in the use of the specific Air operated impact wrench.</li> <li>• Backsafe instruction.</li> </ul>	N/A
<b>Tools and equipment required</b> – impact wrench, sockets.			
IF CONTROL MEASURES ARE NOT SUITABLE AND MAJOR CHANGES ARE NEEDED, CONDUCT A RISK ASSESSMENT AND DEVELOP NEW CONTROLS ACCORDING TO <a href="#">SMS-06-PR-0104 WORKPLACE RISK MANAGEMENT</a> .			

**Warning**

Don't smoke when using impact wrench. Keep loose clothing away from impact wrench when operating.

<b>Site / job planning</b>	<ul style="list-style-type: none"> <li>• Have first aid kit readily accessible.</li> <li>• Follow all worksite procedures, e.g. Induction, Pre-Work Brief.</li> <li>• Conduct a pre-work brief, including the following – consider the job, the environment and the weather (eg. fire risks are higher near long grass or in hot, dry or windy weather).</li> <li>• Make sure that the compressor is within range – the air hoses must be able to reach the work areas. The air hose couplings must be clipped to ensure that the air hose will not detach while working.</li> <li>• The air hoses must stay within your own work area and must be clear of any walkways or site traffic areas.</li> <li>• Operator to have firm footing (i.e no obstructions, not slippery).</li> </ul>
<b>Pre – start checks</b>	<ul style="list-style-type: none"> <li>• Operator to check that impact wrench is in good order.</li> <li>• Operator to check compressor fuel &amp; oil.</li> <li>• Operator to check air hoses, connectors and air supply (compressor) are in serviceable condition.</li> <li>• Operator to check if impact wrench works properly.</li> <li>• Place oil in air impact wrench inlet pipe.</li> </ul>

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<b>Using the Air Operated Impact Wrench</b> <ul style="list-style-type: none"> <li>• Clear work area of obstacles.</li> <li>• Make sure air hose doesn't get tangled or caught on any protruding obstacles.</li> <li>• Select correct socket for the job.</li> <li>• Ensure that socket is firmly attached to the wrench.</li> <li>• Place wrench onto nut squarely.</li> <li>• Hold wrench using correct backsafe method.</li> <li>• Team member to assist holding air hose.</li> <li>• When undoing bolts, remove or replace nuts carefully to ensure no 'stripping' of the bolt.</li> </ul>	
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**Warning**

Keep firm grip on handles.

<b>Care and storage</b> <ul style="list-style-type: none"> <li>• Remove socket after use, put back in socket storage unit.</li> <li>• Place oil (air tool) in impact wrench air inlet pipe.</li> <li>• Place impact wrench in carry case or storage area.</li> </ul>
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<b>Inspection and maintenance</b> <ul style="list-style-type: none"> <li>• Conduct maintenance as per the Manufacturer's Specifications.</li> <li>• Get an authorised dealer to do any repairs or checks/alterations to the motor settings.</li> <li>• Maintain inspection and test records in accordance with <a href="#">SMS-16-SR-0057 Inspection and Testing</a> and <a href="#">SMS-05-SR-0027 Records Management</a>.</li> </ul>
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**Additional controls**