


Safe Work Instruction	Issue date: 06/1207
Hydraulic Press	Review date: 18/10/10

Document no. SMS-06-SW-0863	Work description Assembly, Disassembly and shaping of Infrastructure components and parts.		
	Scope Enerpac 10 Tonne press		
Review date	References OHS Reg 2001 Chapter 5 SMS-06-GD-0225 Plant SMS-06-GD-0306 Plant Risk Assessment Safe work procedure SWP71 Hydraulic Press published @ www.assaohs.com.au Australian Standards DRAFT DR04138		
Responsible supervisor <i>Insert name in BLOCK letters</i>	PPE and precautions	Competencies or qualifications	Licences or permits required
	Eye protection Face shield Leather Gloves Protective footwear	Back Safe, Manual Handling Briefed in SWI and competent to use Press.	None
Tools and equipment required None			
IF CONTROL MEASURES ARE NOT SUITABLE AND MAJOR CHANGES ARE NEEDED, CONDUCT A RISK ASSESSMENT AND DEVELOP NEW CONTROLS ACCORDING TO SMS-06-PR-0104 WORKPLACE RISK MANAGEMENT .			

	Warning <i>A hydraulic press must not be loaded in excess of its rated capacity Never substitute a larger capacity hydraulic jack than that for which the frame was designed into a hydraulic jack frame Do not touch hoses which are pressurised – escaping fluid or air can cause severe injury</i>
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Site/Job	
Planning	<ul style="list-style-type: none"> Place the first aid kit and fire fighting gear nearby Follow all worksite procedures eg Induction, pre-work briefing Clear around the workarea – people and other equipment

Setting up	
	Hazards <ul style="list-style-type: none"> Manual Handling – Setting up Table Bed <ul style="list-style-type: none"> – Setting up of work piece on Table Bed Falling objects – Work piece may fall off Table Bed Nip Points / Crush injuries when setting up work piece Pressurised Fluid and Air
	<ul style="list-style-type: none"> Inspect all hoses and fittings prior to use – fittings and couplings must be tight and leak free When connecting/disconnecting hoses or fittings system pressure MUST be at “0” psi/bar Exercise care when raising or lowering table Remove all loose parts, plates, blocks etc before adjusting table Ensure that the table is level and that all table pins are inserted fully and locked in position Strain relief MUST be in position at both ends of hose

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Use	<p>Hazards</p> <ul style="list-style-type: none"> • Sharp edges • Falling objects • Projectiles from shattered work piece • Pressurised Fluid and Air
	<ul style="list-style-type: none"> • Do not touch hoses which are pressurised – fluid and air escaping can cause severe injury • Exercise care when handling rough or sharp objects • Ensure that work pieces are secure on table and not liable to fall (Use v-blocks to hold round stock pieces in place) • Use “soft” metal block (brass, copper etc) or packing piece between ram and work piece to prevent damage or slipping due to metal-to-metal contact • Check alignment and stability of work before applying pressure with ram • Metal may fracture or shear under load resulting in pieces of metal being ejected from work pieces at high velocity • Raise table in preference to using longer packing to maintain contact between ram and work piece • Operate from a distance away equal to the length of the remote cord • Remove all packing etc and clean table after use • Emergency stop button is within immediate use.

Maintenance	
	<p>Hazards</p> <ul style="list-style-type: none"> • Manual Handling – Adjusting Table Bed for cleaning • Pressurised Fluid and Air, system to be de-energised prior to work <ul style="list-style-type: none"> • Inspect all hoses, fittings and couplings are tight and leak free • When connecting/disconnecting hoses or fittings system pressure MUST be at “0” psi/bar • Exercise care when raising or lowering table • Remove all loose parts, plates, blocks etc before adjusting table • Ensure that the table is level and that all table pins are inserted fully and locked in position