

**VOC (BOOM PUMP)**

SS-WHS-SAF-000

Authorised By:

Rev 1 [Publish Date]



<b>TRAINEE NAME</b>	
<b>ASSESSOR NAME</b>	
<b>PLANT TYPE</b>	Boom Pump
<b>PLANT MAKE / MODEL</b>	
<b>DATE OF ASSESSMENT</b>	

**KNOWLEDGE ASSESSMENT (TO BE COMPLETED BY TRAINEE)**

QUESTION	C / NYC
1. List at least 4 things that you would inspect as part of a pre-start check.	
2. List at least 3 issues that that could impact the safety of the machine (e.g. overly worn tyres).	
3. What should you do if you identify significant defects or issues during your pre-start check?	
4. List at least 2 safety features on this machine and their function.	

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<p>5. List 5 hazards that may exist during operation of this machine. For each hazard, list a control measure to manage that hazard.</p>	
<p>6. List any PPE requirements that may exist for this machine.</p>	
<p>7. List an emergency situation that could occur during operation of this machine and include how you would respond to this situation.</p>	
<p>8. Where should you park the machine and what should you do with the keys when you have finished?</p>	
<p>9. Describe any safety considerations for refuelling or recharging this machine.</p>	

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<b>PRACTICAL ASSESSMENT (TO BE COMPLETED BY ASSESSOR)</b>	
TASK / OBSERVATION (TRAINEE MUST SUCCESSFULLY DEMONSTRATE THE FOLLOWING)	C / NYC
<b>PLANNING CONCRETE PLACEMENT WORK</b>	
The trainee will confirm the concrete placement workplace, identify potential hazards and emergencies, and select risk controls according to regulations, hierarchy of controls, and workplace procedures.	
The trainee will confirm the type of required concrete placing boom and the types, volumes, and schedule of concrete delivery with relevant contractors and suppliers.	
The trainee will select tools and equipment, including personal protective equipment, to meet work requirements and check them according to workplace procedures.	
The trainee will identify and confirm workplace methods for communication between the concrete placing boom operator and other personnel.	
The trainee will identify the proposed location for setting up the concrete placing boom, and confirm access to the location and ground suitability with relevant personnel.	
<b>SETTING UP BOOM AND PREPARING FOR OPERATION</b>	
The trainee will inspect and confirm the suitability of the location and ground according to workplace procedures.	
The trainee will locate and position the concrete placing boom at the workplace, and extend and adjust outriggers for stability following manufacturer specifications and workplace procedures.	
The trainee will conduct pre-start operator checks following manufacturer specifications and workplace procedures.	
The trainee will partially extend the concrete placing boom to test operation and check function according to manufacturer specifications and workplace procedures.	
The trainee will test plant safety devices according to manufacturer specifications and workplace procedures.	
The trainee will conduct post-start operational checks according to manufacturer specifications and workplace procedures.	
The trainee will securely and safely position concrete delivery system components according to workplace procedures.	
The trainee will apply appropriate risk control measures to the concrete placing boom location following manufacturer specifications and workplace procedures.	
The trainee will test and prepare the pumping system for use following manufacturer specifications and workplace procedures.	
<b>DELIVERING CONCRETE</b>	
The trainee ensures coordination between the supply of bulk concrete to the hopper and supply vehicle operators, ensuring safe hopper levels. They also advise hose handlers and concreters of any pauses or changes in supply as needed.	
The trainee safely and efficiently operates the concrete placing boom through its full range of movements using remote control or a control panel to deliver the concrete as required.	

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The trainee monitors the risk of collision with other fixed structures and moving plant and implements suitable risk control measures accordingly.	
The trainee operates the pump using remote control or a control panel to ensure a safe optimum output, meeting the requirements of concreters while minimizing damage to the engine and gears.	
The trainee correctly makes and interprets hand signals, or gives and receives instructions over the radio according to workplace procedures.	
The trainee constantly monitors boom operation to ensure the stability of the boom and the safety of personnel, delivery hose, and workplace equipment and structures.	
The trainee implements strategies for managing emergencies that may arise during concrete placement according to manufacturer specifications. They also report emergencies in line with workplace procedures.	
The trainee safely withdraws the concrete placing boom from the work area upon completion of the delivery task.	
<b>SHUTTING DOWN AND SECURING CONCRETE PLACING BOOM AND COMPONENTS</b>	
The trainee will ensure that delivery lines and hopper are cleaned out according to manufacturer specifications and workplace procedures.	
The trainee will stow the concrete placing boom according to manufacturer specifications and secure it for travel following plant operation and workplace procedures.	
The trainee will retract, stow, and secure outriggers for travel as per manufacturer specifications and workplace procedures.	
The trainee will stow and secure plates or packing for travel according to manufacturer specifications and workplace procedures.	
The trainee will relocate the concrete placing boom as necessary and shut it down according to manufacturer specifications and workplace procedures.	
The trainee will conduct routine post-operational equipment checks and document them as per manufacturer specifications and workplace procedures.	
The trainee will report and record defects and damage, and take appropriate action in accordance with manufacturer specifications and workplace procedures.	
<b>ASSESSMENT RESULT</b>	<b>C / NYC</b>
<b>ASSESSOR NAME AND SIGN</b>	
<b>TRAINEE NAME AND SIGN</b>	