



Safe Work Instruction

Pine Creek Power Station – Oil Purifier 835-EGM-00-SWI-120 – 500hr Service

Plant ID #		Work Order		Plant hours		Date	
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Before Work Commences		Check
"Take 5" risk assessment check sheet must be completed before commencement of this task. Also, ensure that this SWI is reviewed before commencing the task.		<input type="checkbox"/>
If the work does not follow this SWI or any further uncontrolled hazards are identified, the work must be stopped immediately – or as soon as it is safe to do so. The work must not be resumed until the SWI is complied with or reviewed and, if necessary, revised.		<input type="checkbox"/>
Ensure that you are competent and trained appropriately before commencing this task. If you are not then, advise your direct supervisor.		<input type="checkbox"/>






High Risk Work. All non-routine High Risk Work requires a Risk Assessment underpinning this SWI.

High Risk Work	Check	High Risk Work	Check	High Risk Work	Check
Risk of potential to fall (generally >2m)	<input type="checkbox"/>	Work in or could impact a confined space	<input type="checkbox"/>	Work on or could impact pressurised gas mains or piping	<input type="checkbox"/>
Work on or could impact chemical, fuel or refrigerant lines	<input type="checkbox"/>	Work in an area that may have contaminated or flammable atmosphere	<input type="checkbox"/>	Work on or could impact energised electrical installations or services	<input type="checkbox"/>
Work in an area with movement of powered mobile plant	<input type="checkbox"/>	Work in or could impact a shaft or trench deeper than 1.5m or a tunnel	<input type="checkbox"/>	Work in areas with artificial extremes of temperature	<input type="checkbox"/>
Likely to involve disturbing asbestos	<input type="checkbox"/>	Tilt-up or precast concrete elements	<input type="checkbox"/>	Work on a telecommunication tower	<input type="checkbox"/>
On or adjacent to roadways or railways used by road or rail traffic	<input type="checkbox"/>	Work in or could impact water or other liquid that involves a risk of drowning	<input type="checkbox"/>	Temporary load-bearing support for structural alterations or repairs or demolition	<input type="checkbox"/>

Rev	Description	By	Checked	Approved	Date
0	Original Issue	S Lohman	T Ramsay	S Plant	04.05.17
1	Updated as per Site request – removed oil change & put onto new Template	A. Berri	R Dubey	S Plant	12.08.21



PREREQUISITES

Item	Description
Additional Work Instruction	N/A
Reference Material	835-STM-00-MS-102 Steam Turbine Maintenance Schedule
Risk Assessment Ref	835-EGM-00-RAS-120
Support Equipment	Standard mechanical toolkit, spill kit     
Personnel Work Skills	Authorised, Trained and Competent Maintainer/Operator
Approvals	Work order for service

OTHER MATERIALS

Consumables Used			

Use the following Safety Symbols in the Hazard and Controls column if deemed appropriate:



Danger





Caution



Note

**Ensure to include Hazard descriptions with the Controls Measures put in place to mitigate risks to As Low, As Reasonably Practicable (ALARP)
Include task specific PPE requirements (other than site specific PPE)**



Task	Job Steps	Hazard/Energy Sources	Controls	Initial
Isolations	1. Shutdown and then isolate the purifier (apply LOTO). Wait for the equipment to cool down. <ul style="list-style-type: none"> • Make sure you work on the correct equipment. 	 Noise Slips trips & falls Environment Heat	Wear Class 5 hearing protection. Eyes on path, mind on the task. Clean and tidy work area. Eyes on path, mind on the task. Avoid working in extreme heat/rain. Take regular rest breaks and hydrate. No signs of dangerous fauna. Allow hot surfaces to cool.	
General tasks	2. Remove the air breather element and clean, or if necessary, replace it.	 Dust/vapour Compressed air	Wear a suitable dust mask/respirator/face mask. Wear suitable gloves, safety glasses/face shield and Class 5 hearing protection. Never direct compressed air at anyone.	
	3. Check the vessel vacuum level and if necessary, adjust it to 0.9barg. <ul style="list-style-type: none"> • Make sure you work on the correct equipment. 			
	4. Empty the drip tray and clean the unit.			
Deisolations	5. Remove LOTO, deisolate the equipment and return it to normal service. <ul style="list-style-type: none"> • Make sure you work on the correct equipment. 			
If any of the tasks cannot be completed, get Supervisor approval				
Work Completion	6. Make sure the site is clean, tidy and secure.			
	7. When Work Order number	XXX XXX XXX	is complete, scan this SWI to your work completion records library.	
Comments				
Sign off	Name of person in charge of work and responsible for compliance to this Safe Work Instruction:		Total Hours Worked: _____	
	Print name: _____	Signature: _____	Total Downtime Hours: _____	
Suggested improvements and/or changes required			Enter a Document Change Request [DCR] via SharePoint	Name and contact details:

