

ATTACHMENT 4 :

AIR HEATER STARTUP AND SHUTDOWN STEP UP CARD

SOP # OCLAB00000001

Page

Name: Muse Nasin

Skill Owner: Muse Nasin

Role: Maintenance Lecturer / PCALS / EX 1

Qualifier: Muse Nasin

Skill	Task	Target Probe	Self Evaluation		First Evaluation		Final Evaluation	
			Date	Evaluation	Date	Evaluation	Date	Evaluation
HEATER STARTUP AND SHUTDOWN	Can startup exhaust fan both on auto and manual modes	3		12340		12340		12340
	Understands exhaust fan operating mode for air heater startup	3		12340		12340		12340
	Can explain the purpose of control release	3		12340		12340		12340
	Can identify the states of all manual valves on ignition line required to startup the air heater	3		12340		12340		12340
	Can switch on Saacke power panel and reset the panel	3		12340		12340		12340
	Can activate burner valve for oil and gas operation	3		12340		12340		12340
	Can identify the states of all manual valves on fuel line required to startup the air heater	3		12340		12340		12340
	Understand the need to verify that no work is ongoing around the tower / cyclone	3		12340		12340		12340
	Can navigate local panel HMI	3		12340		12340		12340
	Can launch air heater startup on gas	3		12340		12340		12340
	Can launch air heater startup on oil	3		12340		12340		12340
	Can change the air heater from 'local operation mode' to 'remote operation mode'	3		12340		12340		12340
	Can divert from slack to tower and vice versa	3		12340		12340		12340
	Understand the need to increase inlet temperature in gradual steps when heating up the tower from cold shutdown	3		12340		12340		12340
	Can adjust dilution damper setting	3		12340		12340		12340
	Understand the inlet temperature setup for air heater idle operation	3		12340		12340		12340
	Can ready the air heater for shutdown on gas and oil operation	3		12340		12340		12340
	Can launch air heater shutdown on gas and oil operation	3		12340		12340		12340
	Can identify the states of all manual valves on ignition line when air heater is not in operation	3		12340		12340		12340
	Can identify the states of all manual valves on main fuel line when air heater is not in operation	3		12340		12340		12340
	Can shutdown Saacke panel	3		12340		12340		12340
	Can start/stop the diesel transfer pump at OPA diesel dike	3		12340		12340		12340
	Can switch air heater operation from diesel to gas	3		12340		12340		12340
	Can swap LPG cylinder for ignition gas supply	3		12340		12340		12340
	Know what to do in case of ignition flame failure	3		12340		12340		12340
	Know what to do in case of ignition flame not detected	3		12340		12340		12340
	Know what to do in case of main flame failure	3		12340		12340		12340
	Know what to do in case of main flame not detected	3		12340		12340		12340
	Can remove, clean and re-install flame scanner	3		12340		12340		12340

Signature of Trainee: [Signature]

Signature of Qualifier: [Signature]

Date of Qualification: 21-10-23

Date of Qualification: 21-10-23

<p>SOP OWNER</p> <p><u>[Signature]</u></p> <p>Musa Nasin</p> <p>Date: 12/March/2022</p>	<p>HSE APPROVAL</p> <p><u>[Signature]</u></p> <p>Adekun Adebisi</p> <p>Date: 13/03/2022</p>	<p>QA APPROVAL</p> <p><u>[Signature]</u></p> <p>Olufemi Alawode</p> <p>Date: 13/may/22</p>	<p>AUTHORISATION</p> <p><u>[Signature]</u></p> <p>Madeeh Daranola</p> <p>Date:</p>
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