

ATTACHMENT 4 : AIR HEATER STARTUP AND SHUTDOWN STEP UP CARD

Trainee: _____

Skill Owner: _____

Role: _____

Qualifier: _____

S/N	Skill	Task	Target Profic.	Self Evaluation		First Evaluation		Final Evaluation	
				Date	Evaluation	Date	Evaluation	Date	Evaluation
1	AIR HEATER STARTUP AND SHUTDOWN	Can startup exhaust fan both on auto and manual modes	3		1 2 3 4 5		1 2 3 4 5		1 2 3 4 5
2		Understands exhaust fan operating mode for air-heater startup	3		1 2 3 4 5		1 2 3 4 5		1 2 3 4 5
3		Can explain the purpose of 'control release'	3		1 2 3 4 5		1 2 3 4 5		1 2 3 4 5
4		Can identify the states of all manual valves on ignition line required to startup the air heater	3		1 2 3 4 5		1 2 3 4 5		1 2 3 4 5
5		Can switch-on Saacke power panel and reset the panel	3		1 2 3 4 5		1 2 3 4 5		1 2 3 4 5
6		Can activate burner vane for oil and gas operation.	3		1 2 3 4 5		1 2 3 4 5		1 2 3 4 5
7		Can identify the states of all manual valves on fuel line required to startup the air heater	3		1 2 3 4 5		1 2 3 4 5		1 2 3 4 5
8		Understand the need to verify that no work is ongoing around the tower / cyclone.	3		1 2 3 4 5		1 2 3 4 5		1 2 3 4 5
9		Can navigate local panel HMI	3		1 2 3 4 5		1 2 3 4 5		1 2 3 4 5
10		Can launch air-heater startup on gas	3		1 2 3 4 5		1 2 3 4 5		1 2 3 4 5
11		Can launch air-heater startup on oil	3		1 2 3 4 5		1 2 3 4 5		1 2 3 4 5
12		Can change the air heater from 'local operation mode' to 'remote operation mode'	3		1 2 3 4 5		1 2 3 4 5		1 2 3 4 5
13		Can divert from stack to tower and vice-versa	3		1 2 3 4 5		1 2 3 4 5		1 2 3 4 5
14		Understand the need to increase inlet temperature in gradual steps when heating up the tower from long shutdown	3		1 2 3 4 5		1 2 3 4 5		1 2 3 4 5
15		Can adjust dilution damper setting	3		1 2 3 4 5		1 2 3 4 5		1 2 3 4 5
16		Understand the inlet temperature setup for air-heater idle operation	3		1 2 3 4 5		1 2 3 4 5		1 2 3 4 5
17		Can ready the air-heater for shutdown on gas and oil operation	3		1 2 3 4 5		1 2 3 4 5		1 2 3 4 5
18		Can launch air-heater shutdown on gas and oil operation	3		1 2 3 4 5		1 2 3 4 5		1 2 3 4 5
19		Can identify the states of all manual valves on ignition line when air-heater is not in operation	3		1 2 3 4 5		1 2 3 4 5		1 2 3 4 5
20		Can identify the states of all manual valves on main fuel line when air-heater is not in operation	3		1 2 3 4 5		1 2 3 4 5		1 2 3 4 5
21		Can shutdown Saacke panel	3		1 2 3 4 5		1 2 3 4 5		1 2 3 4 5
22		Can start/stop the diesel transfer pump at OPA diesel dike	4		1 2 3 4 5		1 2 3 4 5		1 2 3 4 5
23		Can switch air heater operation from diesel to gas	3		1 2 3 4 5		1 2 3 4 5		1 2 3 4 5
24		Can swap LPG cylinder for ignition gas supply.	3		1 2 3 4 5		1 2 3 4 5		1 2 3 4 5
25		Know what to do in case of ignition flame failure	3		1 2 3 4 5		1 2 3 4 5		1 2 3 4 5
26		Know what to do in case of ignition flame not detected	3		1 2 3 4 5		1 2 3 4 5		1 2 3 4 5
27		Know what to do in case of main flame failure	3		1 2 3 4 5		1 2 3 4 5		1 2 3 4 5
28		Know what to do in case of main flame not detected	3		1 2 3 4 5		1 2 3 4 5		1 2 3 4 5
29		Can remove, clean and re-install flame scanner	3		1 2 3 4 5		1 2 3 4 5		1 2 3 4 5

Signature of Trainee

Signature of Qualifier

Date of Qualification

Date of Qualification

SOP OWNER  Musa Nasiru Date: 12 March 2022	HSE APPROVAL  Adedoyin Adebisi Date: 13/03/2022	QA APPROVAL  Olujide Alawode Date: 13/mar/22	AUTHORISATION  Nadeeb Daramola Date: 13/03/22
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