

ATTACHMENT 4 AIR HEATER STARTUP AND SHUTDOWN STEP UP CARD

Trainee: **Team Olsehole**
Team lead

Skill Owner: **Nasim msc**

Qualifier: **Nasim msc**

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

Signature of Trainee

[Signature]

Date of Qualification

1-11-2023

Signature of Qualifier

[Signature]

Date of Qualification

02-NOV-2023

SO OWNER

[Signature]

Date: 12/March/2022

HSE APPROVAL

[Signature]

Date: 13/03/2022

QA APPROVAL

[Signature]

Date: 13/mar/22

AUTHORISATION

[Signature]

Date: 13/mar/22