

ATTACHMENT 4 :
AIR HEATER STARTUP AND SHUTDOWN STEP UP CARD

Trainer: Akanda Azeez

Skill Owner: MUSA NASIR

Role: MECHANICAL LEADER

Qualifier: MUSA NASIR

S/N	Skill	Task	Target Profile	Self Evaluation Date	First Evaluation Date	Final Evaluation Date
1	AIR HEATER STARTUP AND SHUTDOWN	Can startup exhaust fan both on auto and manual modes	3	12/04/23	12/04/23	12/04/23
2		Understands exhaust fan operating mode for air heater startup	3	12/04/23	12/04/23	12/04/23
3		Can explain the purpose of carbon release	3	12/04/23	12/04/23	12/04/23
4		Can identify the status of air manual valves on ignition line required to startup the air heater	3	12/04/23	12/04/23	12/04/23
5		Can switch on Soacka power panel and reset the panel	3	12/04/23	12/04/23	12/04/23
6		Can activate burner valve for oil and gas operation	3	12/04/23	12/04/23	12/04/23
7		Can identify the status of air manual valves on fuel line required to startup the air heater	3	12/04/23	12/04/23	12/04/23
8		Understand the need to verify that no work is ongoing around the tower / cyclone	3	12/04/23	12/04/23	12/04/23
9		Can navigate local panel HMI	3	12/04/23	12/04/23	12/04/23
10		Can launch air heater startup on gas	3	12/04/23	12/04/23	12/04/23
11		Can launch air heater startup on oil	3	12/04/23	12/04/23	12/04/23
12		Can change the air heater from local operation mode to remote operation mode	3	12/04/23	12/04/23	12/04/23
13		Can divert from stack to tower and vice versa	3	12/04/23	12/04/23	12/04/23
14		Understand the need to increase inlet temperature in gradual steps when heating up the tower from local shutdown	3	12/04/23	12/04/23	12/04/23
15		Can adjust dilution damper setting	3	12/04/23	12/04/23	12/04/23
16		Understand the inlet temperature setup for air heater idle operation	3	12/04/23	12/04/23	12/04/23
17		Can ready the air heater for shutdown on gas and oil operation	3	12/04/23	12/04/23	12/04/23
18		Can launch air heater shutdown on gas and oil operation	3	12/04/23	12/04/23	12/04/23
19		Can identify the status of oil manual valves on ignition line when air heater is not in operation	3	12/04/23	12/04/23	12/04/23
20		Can identify the status of oil manual valves on main fuel line when air heater is not in operation	3	12/04/23	12/04/23	12/04/23
21		Can shutdown Soacka panel	3	12/04/23	12/04/23	12/04/23
22		Can start/stop the diesel transfer pump at OPA diesel line	3	12/04/23	12/04/23	12/04/23
23		Can switch air heater operation from diesel to gas	3	12/04/23	12/04/23	12/04/23
24		Can swap LPG cylinder for ignition gas supply	3	12/04/23	12/04/23	12/04/23
25		Know what to do in case of ignition flame failure	3	12/04/23	12/04/23	12/04/23
26		Know what to do in case of ignition flame not detected	3	12/04/23	12/04/23	12/04/23
27		Know what to do in case of main flame failure	3	12/04/23	12/04/23	12/04/23
28		Know what to do in case of main flame not detected	3	12/04/23	12/04/23	12/04/23
29		Can remove, clean and re-install flame scanner	3	12/04/23	12/04/23	12/04/23

Signature of Trainee

Signature of Qualifier

Date of Qualification

Date of Qualification

SOP OWNER <u>MUSA NASIR</u> Date: <u>12/04/2022</u>	HSE APPROVAL <u>[Signature]</u> Air Heater Operator Date: <u>13/03/2022</u>	QA APPROVAL <u>[Signature]</u> QA Approver Date: <u>13/03/2022</u>	AUTHORISATION <u>[Signature]</u> Nadeesh Daramola Date: <u>02/11/2023</u>
---	--	---	--