

# ATTACHMENT 4: AIR HEATER STARTUP AND SHUTDOWN STEP UP CARD

Trainee: Arch Victory

Skill Owner: Musa Nasiru

Role: Admin Operator

Qualifier: Musa Nasiru

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

Signature of Trainee

Signature of Qualifier

Date of Qualification

Date of Qualification

<b>SOP OWNER</b>  Musa Nasiru Date: 12/Nov/2022	<b>HSE APPROVAL</b>  Adedoyin Adebiyi Date: 13/03/2022	<b>QA APPROVAL</b>  Olujide Olawode Date: 13/mv/22	<b>AUTHORISATION</b>  Nadeeb Daramola Date:
---	--	--	---

Musa Nasiru  
03/Nov/2023