

ATTACHMENT 4:

AIR HEATER STARTUP AND SHUTDOWN STEP UP CARD

Trainee:

SEFILA - IDB/LOBAT

Role:

TOWER RUNNER

Skill Owner

MUSA HASIRU

Qualifier

MUSA HASIRU

S/N	Skill	Task	Target Profic	Self Evaluation	First Evaluation	Final Evaluation
1		Can startup exhaust fan both on auto and manual modes	3	10/3/4/5	12/0/4/5	12/0/4/5
2		Understands exhaust fan operating mode for air-heater startup	3	10/3/4/5	12/0/4/5	12/0/4/5
3		Can explain the purpose of control release	3	10/3/4/5	12/0/4/5	12/0/4/5
4		Can identify the states of all manual valves on ignition line required to startup the air heater	3	10/3/4/5	12/0/4/5	12/0/4/5
5		Can switch-on Saacke power panel and reset the panel	3	10/3/4/5	12/0/4/5	12/0/4/5
6		Can activate burner valve for oil and gas operation	3	10/3/4/5	12/0/4/5	12/0/4/5
7		Can identify the states of all manual valves on fuel line required to startup the air heater	3	10/3/4/5	12/0/4/5	12/0/4/5
8		Understand the need to verify that no work is ongoing around the tower / cyclone	3	10/3/4/5	12/0/4/5	12/0/4/5
9		Can navigate local panel HMI	3	10/3/4/5	12/0/4/5	12/0/4/5
10		Can launch air-heater startup on gas	3	10/3/4/5	12/0/4/5	12/0/4/5
11		Can launch air-heater startup on oil	3	10/3/4/5	12/0/4/5	12/0/4/5
12		Can change the air heater from local operation mode to remote operation mode	3	10/3/4/5	12/0/4/5	12/0/4/5
13		Can divert from stack to lower and vice versa	3	10/3/4/5	12/0/4/5	12/0/4/5
14	AIR HEATER STARTUP AND SHUTDOWN	Understand the need to increase inlet temperature in gradual steps when heating up the tower from long shutdown	3	10/3/4/5	12/0/4/5	12/0/4/5
15		Can adjust dilution damper setting	3	10/3/4/5	12/0/4/5	12/0/4/5
16		Understand the inlet temperature setup for air heater idle operation	3	10/3/4/5	12/0/4/5	12/0/4/5
17		Can ready the air-heater for shutdown on gas and oil operation	3	10/3/4/5	12/0/4/5	12/0/4/5
18		Can launch air-heater shutdown on gas and oil operation	3	10/3/4/5	12/0/4/5	12/0/4/5
19		Can identify the states of all manual valves on ignition line when air-heater is not in operation	3	10/3/4/5	12/0/4/5	12/0/4/5
20		Can identify the states of all manual valves on main fuel line when air-heater is not in operation	3	10/3/4/5	12/0/4/5	12/0/4/5
21		Can shutdown Saacke panel	3	10/3/4/5	12/0/4/5	12/0/4/5
22		Can shutdown the diesel transfer pump at OPA diesel dike	4	10/3/4/5	12/0/4/5	12/0/4/5
23		Can switch air heater operation from diesel to gas	3	10/3/4/5	12/0/4/5	12/0/4/5
24		Can swap LPG cylinder for ignition gas supply	3	10/3/4/5	12/0/4/5	12/0/4/5
25		Know what to do in case of ignition flame failure	3	10/3/4/5	12/0/4/5	12/0/4/5
26		Know what to do in case of ignition flame not detected	3	10/3/4/5	12/0/4/5	12/0/4/5
27		Know what to do in case of main flame failure	3	10/3/4/5	12/0/4/5	12/0/4/5
28		Know what to do in case of main flame not detected	3	10/3/4/5	12/0/4/5	12/0/4/5
29		Can remove, clean and re-install flame scanner	3	10/3/4/5	12/0/4/5	12/0/4/5

Signature of Trainee

(Signature)

Date of Qualification

19-10-23

Signature of Qualifier

(Signature)

Date of Qualification

03-NOV-2023

<p>SOP OWNER</p> <p>Musa Nasiru</p> <p>Date: 19/Nov/2023</p>	<p>HSE APPROVAL</p> <p>Adedoyin Adebiyi</p> <p>Date: 13/03/2022</p>	<p>QA APPROVAL</p> <p>Olufide Olawode</p> <p>Date: 13/mv/22</p>	<p>AUTHORISATION</p> <p>Nadeeb Daramola</p> <p>Date: 15/03/22</p>
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