

ATTACHMENT 4 : AIR HEATER STARTUP AND SHUTDOWN STEP UP CARD

Trainee: Nadeeb Daramola
Role: MSL OPS Manager

Skill Owner: Nasiru Musfi
Qualifier: Nasiru Musfi

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	10/10/2023	10/10/2023	10/10/2023
2		Understands exhaust fan operating mode for air heater startup	3	10/10/2023	10/10/2023	10/10/2023
3		Can explain the purpose of 'control release'	3	10/10/2023	10/10/2023	10/10/2023
4		Can identify the states of all manual valves on ignition line required to startup the air heater	3	10/10/2023	10/10/2023	10/10/2023
5		Can switch-on Saacke power panel and reset the panel	3	10/10/2023	10/10/2023	10/10/2023
6		Can activate burner valve for oil and gas operation.	3	10/10/2023	10/10/2023	10/10/2023
7		Can identify the states of all manual valves on fuel line required to startup the air heater	3	10/10/2023	10/10/2023	10/10/2023
8		Understand the need to verify that no work is ongoing around the tower / cyclone	3	10/10/2023	10/10/2023	10/10/2023
9		Can navigate local panel HMI	3	10/10/2023	10/10/2023	10/10/2023
10		Can launch air-heater startup on gas	3	10/10/2023	10/10/2023	10/10/2023
11		Can launch air-heater startup on oil	3	10/10/2023	10/10/2023	10/10/2023
12		Can change the air heater from 'local operation mode' to 'remote operation mode'	3	10/10/2023	10/10/2023	10/10/2023
13		Can divert from stack to tower and vice-versa	3	10/10/2023	10/10/2023	10/10/2023
14		Understand the need to increase inlet temperature in gradual steps when heating up the tower from long shutdown	3	10/10/2023	10/10/2023	10/10/2023
15		Can adjust dilution damper setting	3	10/10/2023	10/10/2023	10/10/2023
16		Understand the inlet temperature setup for air heater idle operation	3	10/10/2023	10/10/2023	10/10/2023
17		Can ready the air-heater for shutdown on gas and oil operation	3	10/10/2023	10/10/2023	10/10/2023
18		Can launch air-heater shutdown on gas and oil operation	3	10/10/2023	10/10/2023	10/10/2023
19		Can identify the states of all manual valves on ignition line when air-heater is not in operation	3	10/10/2023	10/10/2023	10/10/2023
20		Can identify the states of all manual valves on main fuel line when air-heater is not in operation	3	10/10/2023	10/10/2023	10/10/2023
21		Can shutdown Saacke panel	3	10/10/2023	10/10/2023	10/10/2023
22		Can startstop the diesel transfer pump at OPA diesel tank	3	10/10/2023	10/10/2023	10/10/2023
23		Can switch air heater operation from diesel to gas	3	10/10/2023	10/10/2023	10/10/2023
24		Can swap LPG cylinder for ignition gas supply	3	10/10/2023	10/10/2023	10/10/2023
25		Know what to do in case of ignition flame failure	3	10/10/2023	10/10/2023	10/10/2023
26		Know what to do in case of ignition flame not detected	3	10/10/2023	10/10/2023	10/10/2023
27		Know what to do in case of main flame failure	3	10/10/2023	10/10/2023	10/10/2023
28		Know what to do in case of main flame not detected	3	10/10/2023	10/10/2023	10/10/2023
29		Can remove, clean and re-install flame scanner	3	10/10/2023	10/10/2023	10/10/2023

Signature of Trainee

Nadeeb Daramola

Date of Qualification

02/10/2023

Signature of Qualifier

Nasiru Musfi

Date of Qualification

02-10-2023

<p>SOP OWNER</p> <p><i>Musa Nasiru</i></p> <p>Date: 10/10/2022</p>	<p>HSE APPROVAL</p> <p><i>Adedoyin Adekunle</i></p> <p>Date: 13/03/2022</p>	<p>QA APPROVAL</p> <p><i>Olujide Olawale</i></p> <p>Date: 13/03/2022</p>	<p>AUTHORISATION</p> <p><i>Nadeeb Daramola</i></p> <p>Date: 12/03/2022</p>
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