

ATTACHMENT 4 :

AIR HEATER STARTUP AND SHUTDOWN STEP UP CARD

Skill Owner Musa NasiruQualifier: Nasiru Musa

owun Chukwuebuka

CRD

Skill	Task	Target Profic	Self Evaluation		First Evaluation		Final E
			Date	Evaluation	Date	Evaluation	
AIR HEATER STARTUP AND SHUTDOWN	Can startup exhaust fan both on auto and manual modes	3		1 2 3 4 5		1 2 3 4 5	
	Understands exhaust fan operating mode for air-heater startup	3		1 2 3 4 5		1 2 3 4 5	
	Can explain the purpose of 'control release'	3		1 2 3 4 5		1 2 3 4 5	
	Can identify the states of all manual valves on ignition line required to startup the air heater	3		1 2 3 4 5		1 2 3 4 5	
	Can switch-on Saacke power panel and reset the panel	3		1 2 3 4 5		1 2 3 4 5	
	Can activate burner vane for oil and gas operation	3		1 2 3 4 5		1 2 3 4 5	
	Can identify the states of all manual valves on fuel line required to startup the air heater	3		1 2 3 4 5		1 2 3 4 5	
	Understand the need to verify that no work is ungoing around the tower / cyclone	3		1 2 3 4 5		1 2 3 4 5	
	Can navigate local panel HMI	3		1 2 3 4 5		1 2 3 4 5	
	Can launch air-heater startup on gas	3		1 2 3 4 5		1 2 3 4 5	
	Can launch air-heater startup on oil	3		1 2 3 4 5		1 2 3 4 5	
	Can change the air heater from 'local operation mode' to 'remote operation mode'	3		1 2 3 4 5		1 2 3 4 5	
	Can divert from stack to tower and vice-versa	3		1 2 3 4 5		1 2 3 4 5	
	Understand the need to increase inlet temperature in gradual steps when heating up the tower from long shutdown	3		1 2 3 4 5		1 2 3 4 5	
	Can adjust dilution damper setting	3		1 2 3 4 5		1 2 3 4 5	
	Understand the inlet temperature setup for air-heater idle operation	3		1 2 3 4 5		1 2 3 4 5	
	Can ready the air-heater for shutdown on gas and oil operation	3		1 2 3 4 5		1 2 3 4 5	
	Can launch air-heater shutdown on gas and oil operation	3		1 2 3 4 5		1 2 3 4 5	
	Can identify the states of all manual valves on ignition line when air-heater is not in operation	3		1 2 3 4 5		1 2 3 4 5	
	Can identify the states of all manual valves on main fuel line when air-heater is not in operation	3		1 2 3 4 5		1 2 3 4 5	
	Can shutdown Saacke panel	4		1 2 3 4 5		1 2 3 4 5	
	can start/stop the diesel transfer pump at OPA diesel dike	3		1 2 3 4 5		1 2 3 4 5	
	Can switch air heater operation from diesel to gas	3		1 2 3 4 5		1 2 3 4 5	
	Can swap LPG cylinder for ignition gas supply	3		1 2 3 4 5		1 2 3 4 5	
	Know what to do incase of ignition flame failure	3		1 2 3 4 5		1 2 3 4 5	
	Know what to do incase of ignition flame not detected	3		1 2 3 4 5		1 2 3 4 5	
	Know what to do incase of main flame failure	3		1 2 3 4 5		1 2 3 4 5	
	Know what to do incase of main flame not detected	3		1 2 3 4 5		1 2 3 4 5	
	Can remove, clean and re-install flame scanner	3		1 2 3 4 5		1 2 3 4 5	

of Trainee

Qualification

Signature of Qualifier

Date of Qualification

SOP OWNER

HSE APPROVAL

QA APPROVAL

AUTHORISATION

Musa Nasiru

Date: 12/March/2022

Adedoyin Adebisi

Date:

13/03/2022

Olufide Alawode

Date: 13/mar/22

Nadeeb Daramola

Date: