

Trainee: Muhammad Nasir TOWER STARTUP AND SHUTDOWN STEP UP CARD (2/2)Skill Owner: Agbadu LawrenceRole: Maintenance Leader / PCH 13 15x1Qualifier: Agbadu Lawrence

Skill	Task	Target Probe	Self Evaluation		First Evaluation		Final Evaluation	
			Date	Evaluation	Date	Evaluation	Date	Evaluation
TOWER STARTUP AND SHUTDOWN	Can ensure that all the normal opened and closed valves are in the correct positions	3	31-10-23	12/0/5	31-10-23	12/0/5	31-10-23	12/0/5
	Operators can start up all other fans and auxiliaries related to the tower	3	31-10-23	12/0/5	31-10-23	12/0/5	31-10-23	12/0/5
	Can confirm that all the lines are free of build-up in readiness for start-up	3	31-10-23	12/0/5	31-10-23	12/0/5	31-10-23	12/0/5
	Can start the pumping trains	3	31-10-23	12/0/5	31-10-23	12/0/5	31-10-23	12/0/5
	Can switch from 2 nozzles to 3 and 4	3	31-10-23	12/0/5	31-10-23	12/0/5	31-10-23	12/0/5
	Can start ODOs	3	31-10-23	12/0/5	31-10-23	12/0/5	31-10-23	12/0/5
	Can control the BP moisture and density to target	3	31-10-23	12/0/5	31-10-23	12/0/5	31-10-23	12/0/5
	Can do HPL and LPL wash out with water at the right ageing vessel level	3	31-10-23	12/0/5	31-10-23	12/0/5	31-10-23	12/0/5
	Can shut off all the spray nozzles for the tower	3	31-10-23	12/0/5	31-10-23	12/0/5	31-10-23	12/0/5
	Can stop all the tower auxiliaries	3	31-10-23	12/0/5	31-10-23	12/0/5	31-10-23	12/0/5
	Can switch off the airheater	3	31-10-23	12/0/5	31-10-23	12/0/5	31-10-23	12/0/5
	Can drain the HPL and LPL	3	31-10-23	12/0/5	31-10-23	12/0/5	31-10-23	12/0/5
	Can perform all other tasks according to the shutdown checklist	3	31-10-23	12/0/5	31-10-23	12/0/5	31-10-23	12/0/5
	Can startup & shutdown the boiler and chiller	3	31-10-23	12/0/5	31-10-23	12/0/5	31-10-23	12/0/5
	Can shutdown the air injection compressor	3	31-10-23	12/0/5	31-10-23	12/0/5	31-10-23	12/0/5
	Can shut off the elevator	3	31-10-23	12/0/5	31-10-23	12/0/5	31-10-23	12/0/5
	Can switch off the computers in the control room	3	31-10-23	12/0/5	31-10-23	12/0/5	31-10-23	12/0/5
	Can switch off all the relevant panels that were already put on during start-up	3	31-10-23	12/0/5	31-10-23	12/0/5	31-10-23	12/0/5
	Can explain what to do when wet powder is sprayed in the tower	3	31-10-23	12/0/5	31-10-23	12/0/5	31-10-23	12/0/5

Signature of Trainee

ME

Signature of Qualifier

Agbadu Lawrence

Date of Qualification

31/10/23

Date of Qualification

31/10/23

SOP OWNER	QA APPROVAL	HSE APPROVAL	AUTHORISATION
<u>Agbadu Lawrence</u>	<u>Alayode Olujide</u>	<u>Adebiyi Adedoyin</u>	<u>Nadeeb Daramola</u>
Date: <u>31/10/23</u>	Date: <u>11/02/2022</u>	Date: <u>11/02/2022</u>	Date: <u>11/02/2022</u>