



JOSE C. GARCIA

ATTACHMENT 3

UCL/BDMS/GAC/DG/07.0

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Trainee: Agbade - Lan TOWER STARTUP AND SHUTDOWN STEP UP CARD (1/2)

Review

Role: P.CQualifier: Agbade - LawrenceSkill Owner: Agbade - Lawrence

S/N	Skill	Task	Target Profic.	Self Evaluation		First Evaluation		Final Evaluation	
				Date	Evaluation	Date	Evaluation	Date	Evaluation
1	TOWER STARTUP AND SHUTDOWN	Can switch over from Generator to PHCN	3		1 0 3 4 5		1 2 0 4 5		1 2 3 0 5
2		Can switch from PHCN to generator	3		1 0 3 4 5		1 2 0 4 5		1 2 3 0 5
3		Can switch on the ODOs panel and inverter	3		1 0 3 4 5		1 2 0 4 5		1 2 3 0 5
4		Can put on the UPS panel	3		1 0 3 4 5		1 2 0 4 5		1 2 3 0 5
5		Can put on the Minor liquid panel	3		1 2 0 4 5		1 2 0 4 5		1 2 3 0 5
6		Can put on the CP 41 panel	3		1 0 3 4 5		1 2 0 4 5		1 2 3 0 5
7		Can confirm that the P.L.C is not faulted	3		1 2 0 4 5		1 2 0 4 5		1 2 3 0 5
8		Can switch on the server and scada	3		1 2 0 4 5		1 2 0 4 5		1 2 3 0 5
9		Can confirm that the MS SQL is connected	3		1 2 0 4 5		1 2 0 4 5		1 2 3 0 5
10		Can confirm that the Factory talk is on	3		1 0 3 4 5		1 2 0 4 5		1 2 3 0 5
11		Can put on the crutcher panel	3		1 2 0 4 5		1 2 0 4 5		1 2 3 0 5
12		Can start up the boiler	3		1 0 3 4 5		1 2 0 4 5		1 2 3 0 5
13		Can start up the Air injection compressor	3		1 0 3 4 5		1 2 0 4 5		1 2 3 0 5
14		Can switch on the elevator	3		1 0 3 4 5		1 2 0 4 5		1 2 3 0 5
15		Can confirm that the compressor is working ok	3		1 2 0 4 5		1 2 0 4 5		1 2 3 0 5
16		Can start up the air heater	3		1 2 3 4 5		1 2 3 4 5		1 2 3 4 5

Signature of Trainee

Signature of Qualifier

Date of Qualification

Date of Qualification

SOP OWNER	QA APPROVAL	HSE APPROVAL	AUTHORISATION
<u>Agbade Lawrence</u>	<u>Alawode Oluide</u>	<u>Adebisi Adebayo</u>	<u>Nadeeb Daramola</u>
Date: <u>17/10/23</u>	Date: <u>11/09/2022</u>	Date: <u>11/09/2022</u>	Date: <u>14/10/2019</u>



USER GUIDANCE

ATTACHMENT 3

UCL/REMSG/CD/007.0

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Trainee: Agbadu-Lawrence TOWER STARTUP AND SHUTDOWN STEP UP CARD (2/2)Skill Owner: Agbadu-LawrenceRole: P-EQualifier: Agbadu-Lawrence

S/N	Skill	Task	Target Profic.	Self Evaluation Date	First Evaluation Date	Final Evaluation Date
17	TOWER STARTUP AND SHUTDOWN	Can ensure that all the normal opened and closed valves are in the correct positions	3	1 03 4 5	1 2 04 5	1 2 3 0 5
18		Operators can start-up all other fans and ancillaries related to the tower	3	1 2 04 5	1 2 04 5	1 2 3 0 5
19		Can confirm that all the lines re free of build-up in readiness for start-up	3	1 2 04 5	1 2 04 5	1 2 3 0 5
20		Can start the pumping trains	3	1 2 04 5	1 2 04 5	1 2 3 0 5
21		Can switch from 2 nozzles to 3 and 4	3	1 03 4 5	1 2 04 5	1 2 3 0 5
22		Can start ODOs	3	1 2 04 5	1 2 04 5	1 2 3 0 5
23		Can control the BP moisture and density to target	3	1 03 4 5	1 2 04 5	1 2 3 0 5
24		Can do HPL and LPL wash out with water at the right ageing vessel level	3	1 2 04 5	1 2 04 5	1 2 3 0 5
25		Can shut off all the spray nozzles for the tower	3	1 2 04 5	1 2 04 5	1 2 3 0 5
26		Can stop all the tower ancillaries	3	1 2 04 5	1 2 04 5	1 2 3 0 5
27		Can switch off the airheater	3	1 03 4 5	1 2 04 5	1 2 3 0 5
28		Can drain the HPL and LPL	3	1 2 04 5	1 2 04 5	1 2 3 0 5
29		Can perform all other tasks according to the shutdown checklist	3	1 2 04 5	1 2 04 5	1 2 3 0 5
30		Can startup & shutdown the boiler and chiller	3	1 2 04 5	1 2 04 5	1 2 3 0 5
31		Can shutdown the air injection compressor	3	1 2 04 5	1 2 04 5	1 2 3 0 5
32		Can shut off the elevator	3	1 2 04 5	1 2 04 5	1 2 3 0 5
33		Can switch off the computers in the control room	3	1 2 04 5	1 2 04 5	1 2 3 0 5
34		Can switch off all the relevant panels that were already put on during start-up	3	1 2 04 5	1 2 04 5	1 2 3 0 5
35		Can explain what to do when wet powder is sprayed in the tower	3	1 03 4 5	1 2 04 5	1 2 3 0 5

Signature of Trainee

Date of Qualification

Signature of Qualifier

Date of Qualification

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