



LUCE CHEMICALS

BASIC CRUTCHING OPERATION STEP UP CARD

Trainee:

Nadeeb Daranola

Role:

MSG ops manager

Skill Owner:

Agbada Lawrence

Qualifier:

Agbada Lawrence

SOP No UCL/HDMSG/CD/Q003 0

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S/N	Skill	Task	Target Profic.	Self Evaluation Date	First Evaluation Date	Final Evaluation Date	Final Evaluation Evaluation
1	Basic crutching operation	Can refill Liquid pre-weigh tanks (HLAS, Silicate, Caustic, EW Base & RV. Base)	3	10/3/45	10/3/45	12/3/45	12/3/45
2		Can programme the Minor Liquid system to continuously preweigh the required number of minor batches	3	10/3/45	10/3/45	12/3/45	12/3/45
3		Can edit set points for Manual liquids addition in the crutcher based on set point	3	10/3/45	10/3/45	12/3/45	12/3/45
4		Can download and edit crutcher recipe based on BPR set points	3	10/3/45	10/3/45	12/3/45	12/3/45
5		Can acknowledge errors in the crutcher equipment	3	10/3/45	10/3/45	12/3/45	12/3/45
6		Can test run individual equipment in manual mode	3	10/3/45	10/3/45	12/3/45	12/3/45
7		Can read and interpret the crutching troubleshooting guide	3	10/3/45	10/3/45	12/3/45	12/3/45
8		Operator knows and can use each tab in the crutching scada HMI	3	10/3/45	10/3/45	12/3/45	12/3/45
9		Operator knows all lines, valves and instruments for each material addition in the crutcher and can switch from Hot, Pit or process water for crutching operation	3	10/3/45	10/3/45	12/3/45	12/3/45
10		Is qualified on the slurry batch making SOP	3	10/3/45	10/3/45	12/3/45	12/3/45
11		Can make a crutcher batch @ Target CMM & CMT	3	10/3/45	10/3/45	12/3/45	12/3/45
12		Can conduct CMM analysis for crutched slurry	3	10/3/45	10/3/45	12/3/45	12/3/45
13		Can describe when to compensate for material addition in crutcher	3	10/3/45	10/3/45	12/3/45	12/3/45
14		Can adjust compensation factor to get required dosage	3	10/3/45	10/3/45	12/3/45	12/3/45
15		Can explain how to eliminate batch to batch variability in crutcher mix	3	10/3/45	10/3/45	12/3/45	12/3/45
16		Can use the CMM calculator to determine required water addition based on operating conditions	3	10/3/45	10/3/45	12/3/45	12/3/45
17		Can explain how to handle an incomplete batch	3	10/3/45	10/3/45	12/3/45	12/3/45

Signature of Trainee

Signature of Qualifier

Date of Qualification

Date of Qualification

SOP OWNER Agbada Lawrence Date: 11/10/2022	QA APPROVAL Aladekunle Olufide Date: 11/10/2022	HSE APPROVAL Adebisi Adedoyin Date: 11/10/2022	AUTHORISATION Nadeeb Daranola Date: 11/10/2022
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