



UGEE CHEMICALS

BASIC CRUTCHING OPERATION STEP UP CARD

SOP No: UCL/BDMSG/CD/Q/03.0

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Trainee: _____

Role: _____

Skill Owner: _____

Qualifier: _____

S/N	Skill	Task	Target Profic.	Self Evaluation Date	First Evaluation Date	Final Evaluation Date
1	Basic crutching operation	Can refill Liquid pre-weigh tanks (HLAS, Silicate, Caustic, EW Base & RV-Base)	3	1 2 3 4 5	1 2 3 4 5	1 2 3 4 5
2		Can programme the Minor Liquid system to continuously preweigh the required number of minor batches	3	1 2 3 4 5	1 2 3 4 5	1 2 3 4 5
3		Can edit set points for Manual liquids addition in the crutcher based on set point	3	1 2 3 4 5	1 2 3 4 5	1 2 3 4 5
4		Can download and edit crutcher recipe based on BPR set points	3	1 2 3 4 5	1 2 3 4 5	1 2 3 4 5
5		Can acknowledge errors in the crutcher equipment	3	1 2 3 4 5	1 2 3 4 5	1 2 3 4 5
6		Can test run individual equipment in manual mode	3	1 2 3 4 5	1 2 3 4 5	1 2 3 4 5
7		Can read and interpret the crutching troubleshooting guide	3	1 2 3 4 5	1 2 3 4 5	1 2 3 4 5
8		Operator knows and can use each tab in the crutching scada HMI	3	1 2 3 4 5	1 2 3 4 5	1 2 3 4 5
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	1 2 3 4 5	1 2 3 4 5	1 2 3 4 5
10		Is qualified on the slurry batch making SOP	3	1 2 3 4 5	1 2 3 4 5	1 2 3 4 5
11		Can make a crutcher batch @ target CMM & CMT	2	1 2 3 4 5	1 2 3 4 5	1 2 3 4 5
12		Can conduct CMM analysis for crutched slurry	3	1 2 3 4 5	1 2 3 4 5	1 2 3 4 5
13		Can describe when to compensate for material addition in crutcher	3	1 2 3 4 5	1 2 3 4 5	1 2 3 4 5
14		Can adjust compensation factor to get required dosage	3	1 2 3 4 5	1 2 3 4 5	1 2 3 4 5
15		Can explain how to eliminate batch to batch variability in crutcher mix	3	1 2 3 4 5	1 2 3 4 5	1 2 3 4 5
16		Can use the CMM calculator to determine required water addition based on operating conditions	3	1 2 3 4 5	1 2 3 4 5	1 2 3 4 5
17		Can explain how to handle an incomplete batch	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 Agbadu Lawrence Date: 11 Feb 2022	QA APPROVAL Alawode Olufide Date: 11 Feb 2022	HSE APPROVAL Adebisi Adedoyin Date: 11 Feb 2022	AUTHORISATION Nadeeb Daramola Date: 11 Feb 2022
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