



UCL CHEMICALS

 Trainee:
 Role:

 BASIC CRUTCHING OPERATION STEP UP CARD
 Okekeoma Maxwell
 Agbada Lawrence

 Skill Owner: Agbada Lawrence
 Qualifier: Agbada Lawrence

SOP No UCL/BDMSG/C/D/O/03.0

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S/N	Skill	Task	Target Profic	Self Evaluation	First Evaluation	Final Evaluation
1	Basic crutching operation	Can refill liquid pre-weigh tanks (Hl AS, Silicate, Causalic, EW Base & RV- Base)	3	1 0 3 4 5	1 0 3 4 5	1 2 0 4 5
2		Can programme the Minor Liquid system to continuously preweigh the required number of minor batches	3	1 0 3 4 5	1 2 0 4 5	1 2 0 4 5
3		Can edit set points for Manual liquids addition in the crutcher based on set point	3	1 0 3 4 5	1 0 3 4 5	1 2 0 4 5
4		Can download and edit crutcher recipe based on BPR set points	3	1 0 3 4 5	1 0 3 4 5	1 2 0 4 5
5		Can acknowledge errors in the crutcher equipment	3	1 0 3 4 5	1 0 3 4 5	1 2 0 4 5
6		Can test run individual equipment in manual mode	3	1 0 3 4 5	1 2 0 4 5	1 2 0 4 5
7		Can read and interpret the crutching troubleshooting guide	3	1 0 3 4 5	1 2 0 4 5	1 2 0 4 5
8		Operator knows and can use each tab in the crutching scale (Hl)	3	1 0 3 4 5	1 2 0 4 5	1 2 0 4 5
9		Operator knows all lines, valves and instruments for each material addition in the crutcher and can switch from Hl, Ptl or process water for crutching operation	3	1 0 3 4 5	1 2 0 4 5	1 2 0 4 5
10		Is qualified on the slurry batch making SOP	3	1 0 3 4 5	1 2 0 4 5	1 2 0 4 5
11		Can make a crutcher batch to target CMM & CMT	3	1 0 3 4 5	1 2 0 4 5	1 2 0 4 5
12		Can conduct CMM analysis for crutched slurry	3	1 0 3 4 5	1 2 0 4 5	1 2 0 4 5
13		Can describe when to compensate for material addition in crutcher	3	1 0 3 4 5	1 2 0 4 5	1 2 0 4 5
14		Can adjust compensation factor to get required dosage	3	1 0 3 4 5	1 2 0 4 5	1 2 0 4 5
15		Can explain how to eliminate batch to batch variability in crutcher mix	3	1 0 3 4 5	1 2 0 4 5	1 2 0 4 5
16		Can use the CMM calculator to determine required water addition based on operating conditions	3	1 0 3 4 5	1 2 0 4 5	1 2 0 4 5
17		Can explain how to handle an incomplete batch	3	1 0 3 4 5	1 2 0 4 5	1 2 0 4 5

Signature of Trainee

Okekeoma M

Date of Qualification

01/11/2023

Signature of Qualifier

Agbada Lawrence

Date of Qualification

SOP OWNER Agbada Lawrence Date: 01/11/2023	QA APPROVAL Alawode Olufide Date: 11/11/2023	HSE APPROVAL Adebiyi Adedoyin Date: 11/11/2023	AUTHORIZATION Nadeeb Daramola Date: 11/11/2023
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