



UCL CHEMICALS

Trainee:

Role:

BASIC CRUTCHING OPERATION STEP UP CARD

Skill Owner:

Qualifier:

Agbade Lawrence
Agbade Lawrence

S/N	Skill	Task	Target Profic	Self Evaluation		First Evaluation		Final Evaluation	
				Date	Evaluation	Date	Evaluation	Date	Evaluation
1	Basic crutching operation	Can refill Liquid pre-weigh tanks (HLAS, Silicate, Caustic, FW 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	2		1 2 3 4 5		1 2 3 4 5		1 2 3 4 5
11		Can make a crutcher batch @ target CMM & CMT	3		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

Agbade Lawrence

Date:

QA APPROVAL

Alawode Olujide

Date:

HSE APPROVAL

Adebisi Adedoyin

Date:

AUTHORISATION

Nadeeb Daramola

Date: