



UCL/BDMS/C/DG03.0

Trainee:
Role:

BASIC CRUTCHING OPERATION STEP UP CARD

Trainee: Aden Victor
Role: Admin Operator

Skill Owner: Laurence
Qualifier: Laurence

SOP No. UCL/BDMS/C/DG03.0

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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 (H1 AS, Silicate, Caustic, EW Base & RV Base)	3	12/04/5	12/04/5	12/04/5
2		Can programme the Minor Liquid system to continuously preweigh the required number of minor batches	3	12/04/5	12/04/5	12/04/5
3		Can edit set points for Manual liquids addition in the crutcher based on set point	3	12/04/5	12/04/5	12/04/5
4		Can download and edit crutcher recipe based on BPR set points	3	12/04/5	12/04/5	12/04/5
5		Can acknowledge errors in the crutcher equipment	3	12/04/5	12/04/5	12/04/5
6		Can test run individual equipment in manual mode	3	12/04/5	12/04/5	12/04/5
7		Can read and interpret the crutching troubleshooting guide	3	12/04/5	12/04/5	12/04/5
8		Operator knows and can use each tab in the crutching start-up	3	12/04/5	12/04/5	12/04/5
9		Operator knows all lines, valves and instruments for each material addition in the crutcher and can switch from H1, P11 or process water for crutching operation	3	12/04/5	12/04/5	12/04/5
10		Is qualified on the slurry batch making SOP	3	12/04/5	12/04/5	12/04/5
11		Can make a crutcher batch @ target CMM & CMT	3	12/04/5	12/04/5	12/04/5
12		Can conduct CMM analysis for crutched slurry	3	12/04/5	12/04/5	12/04/5
13		Can describe when to compensate for material addition in crutcher	3	12/04/5	12/04/5	12/04/5
14		Can adjust compensation factor to get required dosage	3	12/04/5	12/04/5	12/04/5
15		Can explain how to eliminate batch to batch variability in crutcher mix	3	12/04/5	12/04/5	12/04/5
16		Can use the CMM calculator to determine required water addition based on operating conditions	3	12/04/5	12/04/5	12/04/5
17		Can explain how to handle an incomplete batch	3	12/04/5	12/04/5	12/04/5

Signature of Trainee

Date of Qualification

Signature of Qualifier

Date of Qualification

SOP OWNER <u>Agbadu Lawrence</u> Date: <u>11/11/2023</u>	QA APPROVAL <u>[Signature]</u> Date: <u>11/11/2023</u>	HSE APPROVAL <u>[Signature]</u> Date: <u>11/11/2023</u>	AUTHORISATION <u>Nadeeb Darannola</u> Date: <u>11/11/2023</u>
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