



ITEM No.	QTY	DESCRIPTION	EQUIPMENT LIST	BEST. MAY
14-AGM-01	1	AGGLOMERATION DRUM 01		
14-AGM-02	1	AGGLOMERATION DRUM 02		
14-AGM-03	1	AGGLOMERATION DRUM 03		
14-APRF-01	1	AGGLOMERATION DRUM 1 AIRRON FEEDER		
14-APRF-02	1	AGGLOMERATION DRUM 2 AIRRON FEEDER		
14-APRF-03	1	AGGLOMERATION DRUM 3 AIRRON FEEDER		
14-CHUT-01	1	AGGLOMERATION SILO 1 DISCHARGE CHUTE		
14-CHUT-02	1	AGGLOMERATION SILO 2 DISCHARGE CHUTE		
14-CHUT-03	1	AGGLOMERATION SILO 3 DISCHARGE CHUTE		
14-CHUT-04	1	AGGLOMERATION SILO 1 BELT FEEDER DISCH. CHUTE		
14-CHUT-05	1	AGGLOMERATION SILO 2 BELT FEEDER DISCH. CHUTE		
14-CHUT-06	1	AGGLOMERATION SILO 3 BELT FEEDER DISCH. CHUTE		
14-CHUT-07	1	AGGLOMERATION DRUM 1 FEED CHUTE		
14-CHUT-08	1	AGGLOMERATION DRUM 2 FEED CHUTE		
14-CHUT-09	1	AGGLOMERATION DRUM 3 FEED CHUTE		
14-CHUT-10	1	AGGLOMERATION DRUM 1 DISCHARGE CHUTE		
14-CHUT-11	1	AGGLOMERATION DRUM 2 DISCHARGE CHUTE		
14-CHUT-12	1	AGGLOMERATION DRUM 3 DISCHARGE CHUTE		
14-CHUT-13	1	AIRRON FEEDER 1 FINES CHUTE		
14-CHUT-14	1	AIRRON FEEDER 2 FINES CHUTE		
14-CHUT-15	1	AIRRON FEEDER 3 FINES CHUTE		
14-CONV-01	1	AGGLOMERATION DRUM 1 FEED CONVEYOR		
14-CONV-02	1	AGGLOMERATION DRUM 2 FEED CONVEYOR		
14-CONV-03	1	AGGLOMERATION DRUM 3 FEED CONVEYOR		
14-PUMP-01	1	AGGLOMERATION DUST SUPPRESSION WATER PUMP 1		
14-PUMP-02	1	AGGLOMERATION DUST SUPPRESSION WATER PUMP 2		
14-SILO-01	1	AGGLOMERATION FEED SILO		
14-TANK-01	1	AGGLOMERATION DUST SUPPRESSION WATER TANK		
14-VEG-01	1	AGGLOMERATION DRUM 1 FEED CONVEYOR WEIGHTOMETER		
14-VEG-02	1	AGGLOMERATION DRUM 2 FEED CONVEYOR WEIGHTOMETER		
14-VEG-03	1	AGGLOMERATION DRUM 3 FEED CONVEYOR WEIGHTOMETER		

- NOTES:
- SILO IS COVERED.
  - ALLOW FOR SILO ISOLATION.
  - DUST MANAGEMENT SYSTEM TO BE CONFIRMED.
  - BEP RECOMMENDS THREE AGGLOMERATION DRUMS.
  - EACH AGGLOMERATION DRUM WILL BE FITTED WITH A HYDRAULIC POWER PACK OR MECHANICAL PINS FOR ANGLE ADJUSTMENT.

- LEGEND:
- VSD VARIABLE SPEED
  - BATTERY LIMIT
  - BYPASS/ALTERNATIVE FLOW
  - - - VENDOR PACKAGE
  - - - NEW
  - - - DUST

CLIENT APPROVAL

APPROVED BY: .....

SIGNATURE OF AUTHORIZED REPRESENTATIVE: .....

DATE: .....

DESIGN CAPACITIES	1401	1402	1403	1404	1405
DRY SOLIDS TONNAGE (t/hr)	2167	2167	2167	6900	0
SOLIDS WEIGHT (%) w/w	99	99	99	99	0
WATER FLOW (m³/hr)	66	22	22	690	684
% MOISTURE	1	1	1	10	100
BULK SOLIDS SG (t/m³)	1.63	1.63	1.63	1.63	0
PROCESS WATER SG (t/m³)	1.00	1.00	1.00	1.00	1.00
SOLIDS SIZE (mm)	-38	-38	-38	-38	-

REFERENCE	DRG. NUMBER	TITLE

NO.	DATE	DESCRIPTION	BY	CHKD	ENGR	REG. NO.	PSL	APPROVED BY	REGISTERED NUMBER	ISSUED BY	SECTION
C	29.06.09	RE-ISSUED FOR CLIENT APPROVAL	E.T.	C.V.L.							
F	28.05.09	ISSUED FOR CLIENT APPROVAL	E.T.	C.V.L.							
E	11.02.09	ISSUED FOR CLIENT COMMENTS	E.T.								
D	09.02.09	RE-ISSUED FOR INTERNAL REVIEW	E.T.								
C	08.02.09	CHANGED PROJECT AND DRAWING NUMBER	E.T.								
B	22.01.09	UPDATED AS PER SQUAD CHECK COMMENTS	J.E.								
A	08.12.08	ISSUED FOR INTERNAL REVIEW	J.E.								

TREKKOPJE - MAXI  
AGGLOMERATION

PROCESS FLOW DIAGRAM

SCALE: N.T.S.

SHEET: 1 OF 1

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