


NO.	REVISIONS	BY	CHK.	APPR.	DATE
Δ	DRAWING REVISED AS PER CLIENTS COMMENTS DATED 2.3.12	HSM	LSK		24/2/12
Δ	LOAD DATA CORRECTED. POINT SPEC ADDED. HATCH. HATCH SPEED ADDED. OVERSIGHT HOPPER MADE 235 MM OFFSET FROM HOPPER CENTER	HSM	LSK		14/2/12
Δ	MATERIAL OUTLET PLATE DETAIL REVISED AS PER OLD COMMENTS. OUTLET HOPPER THICKNESS CHANGED TO 5 MM	HSM	HSM		8/2/12
Δ	DRAWING REVISED AS PER CLIENTS COMMENTS DATED 07.2.12	HSM	HSM		31/1/12
	FIRST ISSUE				

SEPL JOB No.-J11-1072			
	DATE	BY	SIGN
DRAWN	31/1/12	HSM	
CHECKED	31/1/12	HSM	
APPROVED	31/1/12	LSK	
SCALE	1:25	PROJECTION	
MADE FROM SCORPIO ENGINEERING PVT LIMITED BAYKALORE INDIA			DWG. SIZE A2

TECHNICAL SPECIFICATION

EQUIPMENT TAG NO.	: 11 BSW-O1
WATER HANDLED	: 100 LBS/DAY
REQUIRED THROUGHPUT	: 100 LBS/DAY
BULK DENSITY (kg/m ³)	: 880 TO 950 (kg/m ³)
PARTICLE SIZE	: 0-4mm (70%), MAX 100mm (30%)
CAPACITY	: 600 BAGS/HR
APPLICATION	: FOR SLITTING BAGS FILLED WITH QUICK LIME FOR SLITTING POLYETHYLENE / HDPE SHEETED
BAG SIZE HANDLED	: 800x3500x250MM
MAX LUMP SIZE	: 100 mm
WEIGHT OF THE BAG	: 50 kg.
TOP KNIFE SPEED	: 1000 RPM
BOTTOM KNIFE SPEED	: 1500 RPM
TUMBLE DRUM SPEED	: 55-60 RPM

INSTALLED POWER RATING			POWER RATING IN kW
Sl No	MOTOR/ GEARED MOTOR FOR		
1	TRASHING TRAILER SIZER (FOR WHEELS) SIZING & SIZING		
2	EXTRACTOR FINE MOTOR FOR DRAINAGE		
3	TRASHING TRAILER		
4	WATER PUMP		
5	WATER PUMP		

SURFACE PREPARATION & PAINTING

INTERNAL SURFACE

SURFACE FINISH : SAND BLASTING AS PER SWEDISH STANDARD SA-2 1/2

PRIMER : 2 COAT OF EPOXY RESIN BASED ZINC RICH PRIMER.
DFT OF 25 MICRON PER COAT MINIMUM

EXTERNAL SURFACE

SURFACE FINISH: SAND BLASTING AS PER SWEDISH STANDARD SA-2 1/2

PRIMER: 2 COAT OF EPOXY RESIN BASED ZINC RICH PRIMER.
DFT OF 25 MICRON PER COAT MINIMUM.

FINISH PAINT: 1 OVERCOAT OF EPOXY PAINT OF 25 MICRON DFT
2 OVERCOAT OF EPOXY GLOSSY ENAMEL PAINT 50 MICRON DFT

SHALL: 1 OVERCOAT OF ACRYLIC POLYURETHANE CLEAR PAINT

SHALL: SMOKE GREY

NOTE:-
1 ALL DIMENSIONS ARE IN MM & LEVEL ARE IN METERS.

LOAD DATA DETAILS	
No. OF FOOTINGS	STATIC LOAD ON EACH FOOTING (STATIC+DYNAMIC)
1 2 3 4 5 6 7 8 9 10	1 2 3 4 5 6 7 8 9 10

				TOTAL WT. : ~5500Kg.	
4	WATER PUMP, 1/2 HP, 400V, 3 PHASE, 2" DISCH. W/ASSEMBLY	SID	1 ea		
5	LEVEL SENSOR - AMBULANCE TYPE	SID	1 ea		
6	WATER MOTOR, 1/2 HP, 400V, 3 PHASE	SID	1 ea		
7	TELEPORTING STRUCTURE	SID	1 ea		
8	BOTTOM HOODER, 5000 LBS	SID	1 ea		
9	BAG PUMPER (PNEUMATIC OPERATED)	SID	1 ea		
10	BAG PUMPER (ELECTRIC OPERATED)	SID	1 ea		
11	BOTTOM HOPPER ASSEMBLY WITH 2500 LBS. HOPPER (1500 LBS. ROW)	SID	1 ea		
12	FLOORING, 5000 LBS. BAG W/ROTOR (5000 LBS. ROW)	SID	1 ea		
13	DOUBLE DECKER WITH MOUNTING FRAME & URINE ASSEMBLY	SID	1 ea		
14	BAG SLATING MACHINE, 3000 LBS.	SID	1 ea		
15	ITEM NO.	DESCRIPTION	QTY.	CM	REMARKS

FOR STAMPING.


TECHNOLOGICAL
SUPPLIER

E SCORPIO ENGINEERING PVT LIMITED

BANGALORE		INDIA	
EPL DRG No. 2-4598C		REV. R3	

URANIUM CORPORATION OF INDIA LTD.
(A GOVERNMENT OF INDIA ENTERPRISE)

PROJECT	URANIUM ORE PROCESSING PLANT AT TUMMALAPALLE, A.P. PKG.NO. UCTL-2
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CONSULTANT  **DEVELOPMENT CONSULTANTS PVT. LTD.**

PC/TURNKEY CONTRACTOR	DORR-OLIVER HINDUSTAN DORR-OLIVER LTD.	HDEL SO NO.
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ENGINEERING DIVISION MUMBAI CENTRAL JAIL MEDAKURU BENGALURU	GA OF BAG SLITTING MACHINE (TAG No.- 11 BSM-01)
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CALC	1:25	HDOX DWG.NO.	A1-2090127-EQ-M-125	SHT.NO. 1 OF 1	REV. R3
UCIL DWG.NO.	UCTL-02	-DOC-M-LH-	CS-002	SHT.NO. Y OF X	REVISION 01 - init

T. C. O'Leary