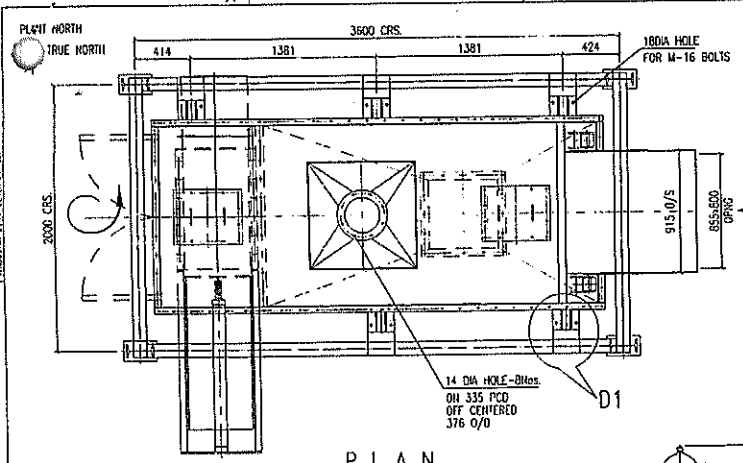
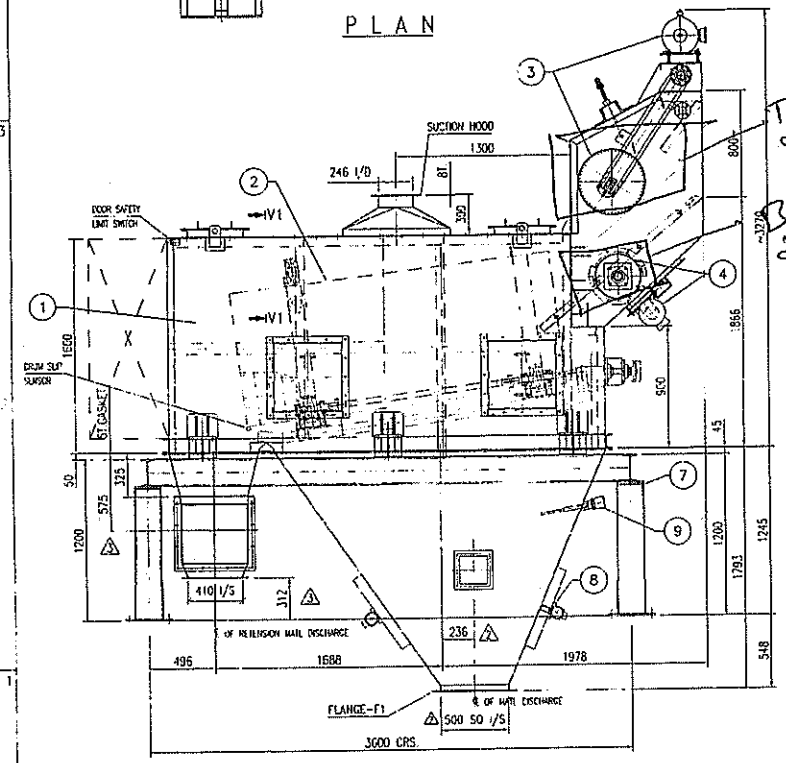
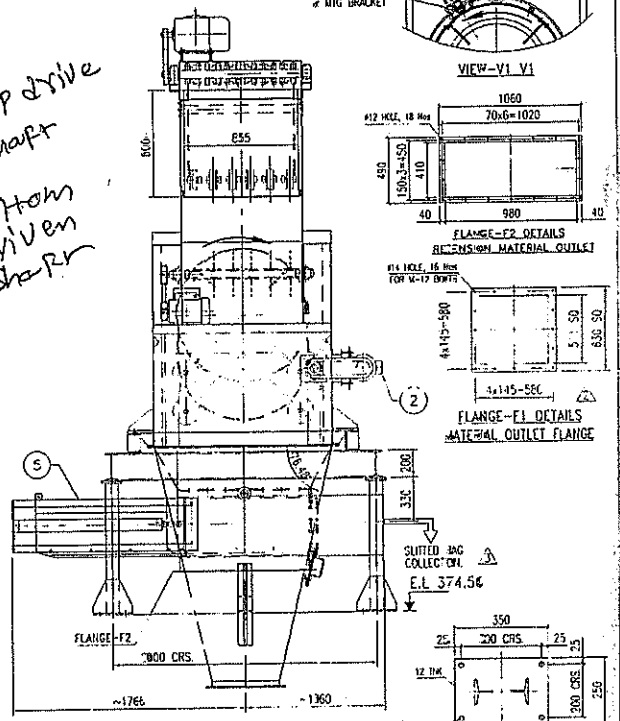


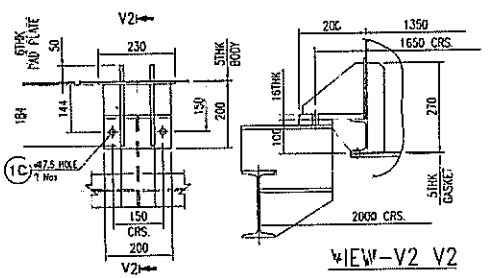
PLAN



ELEVATION

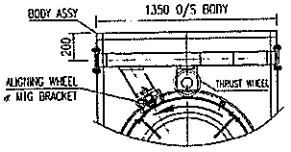


SIDE VIEW
(LOOKING FROM BAG FEED END)



DETAIL OF D1

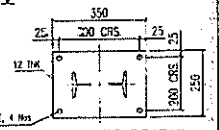
VIEW-V2 V2



VIEW-V1 V1

FLANGE-F2 DETAILS
EXTENSION MATERIAL OUTLET

FLANGE-F1 DETAILS
MATERIAL OUTLET FLANGE



BASE PLATE DEATAIL

TECHNICAL SPECIFICATION

EQUIPMENT TAG No. : 11 BSM-01
MATERIAL HANDLED : QUICK LIME/SODIUM BICARBONATE
REQUIRED THROUGHPUT : 30 TPH
BULK DENSITY (Kg/m3) : 880 To 960 Kg/m3
PARTICLE SIZE : 0-40mm (70%), MAX 100mm (30%)
CAPACITY : 600 BAGS/HR
APPLICATION : FOR SLITTING BAGS FILLED WITH QUICK LIME PACKED IN POLYETHYLENE/ HDPE STOCK
BAG SIZE HANDLED : 800L=500W*750MM
MAX JUMP SIZE : 100 mm
WEIGHT OF THE BAG : 50 Kgs
TOP KNIFE SPEED : 1000 RPM
BOTTOM KNIFE SPEED : 1500 RPM
TUMBLE DRUM SPEED : 55-64 RPM

INSTALLED POWER RATING

Sl No	MOTOR/ GEARED MOTOR FOR	POWER RATING IN Kw
1	[illegible]	[illegible]
2	[illegible]	[illegible]
3	[illegible]	[illegible]
4	[illegible]	[illegible]
5	[illegible]	[illegible]

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 EACH.
1 OVERCOAT OF ACRYLIC POLYURETHANE CLEAR PAINT OF 35 MICRON DFT
SHADE : 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)
[illegible]	[illegible]

TOTAL WT. : ~5500Kg.

ITEM No.	DESCRIPTION	MTR.	QTY.	REMARKS
10	[illegible]	STD	16 SET	
9	LEVEL SENSOR : ADMITTANCE TYPE	STD	1 No	
8	[illegible]	[illegible]	[illegible]	
7	SUPPORTING STRUCTURE	IS 2062	1 SET	
6	BOTTOM HOPPER 5THK	IS 2062	1 No	
5	RING PUNNER (PNEUMATIC CYLINDER)	STD	1 No	
4	BOTTOM KNIFE ASSLY WITH DRIVE MOTOR(1500 RPM)	IS 2062	1 No	350 DIA x SET OF 6 BLADES.
3	FLOATING BLADE ASSLY WITH DRIVE MOTOR(FOR 1000 RPM)	IS 2062	1 No	500 DIA x SET OF 6 BLADES.
2	TUMBLE DRUM WITH MOUNTING FRAME & DRIVE ASSLY	IS 2062	1 Set	1000 DIA x 2350 Lg.
1	BAG SLITTING MACHINE 300*	IS 2062	1 No	

FOR STAMPING

TECHNOLOGICAL SUPPLIER
SCORPIO ENGINEERING PVT LIMITED
BANGALORE INDIA

SEPL DRG No. 2-45982 REV. R3

CLIENT: URANIUM CORPORATION OF INDIA LTD. (A GOVERNMENT OF INDIA ENTERPRISE)
PROJECT: URANIUM ORE PROCESSING PLANT AT TUMMALAPALLE, A.P. PKG.NO. UCTL-2
CONSULTANT: DEVELOPMENT CONSULTANTS PVT. LTD.
EPC/TURNKEY CONTRACTOR: DORR-OLIVER — HINDUSTAN DORR-OLIVER LTD. ENGINEERING DIVISION, MUMBAI CHENNAI AHMEDABAD BANGALORE
TITLE: GA OF BAG SLITTING MACHINE "AG No.= 11 BSM-01"
SCALE 1:25 | HOOK DWG.NO. A1-2090827-E0-M-125 | SHT NO. 1 OF 1 | REV. R3
MCTL DWG.NO. UCTL-02-DOC-M-LH-CS-0002 | SHT NO. A OF Y | REVISION R1-DIS

DWG NO.: UCTL-02-DWG-P-1-1001

NO.	REVISIONS	BY	CHK.	APPR.	DATE
5	DRAWING REVISED AS PER CLIENTS COMMENTS DAILD 23.2.12	HSM	LSK		24/2/12
4	CAD DATA CORRECTED, PAINT SPEC ADDED, TUMBLE DRUM SPEED ADDED, DISCHARGE TROPPER MADE 726 MM OFFSET FROM HOPPER CENTER, MATERIAL OUTLET FLANGE DETAIL REVISED AS PER HSO COMMENTS, BOTTOM HOPPER THICKNESS CHANGED TO 5 MM	HSM	LSK		14/2/12
3	DRAWING REVISED AS PER CLIENTS COMMENTS DATED 07.2.12	HSM	HSM		8/2/12
2	FIRST ISSUE	HSM	HSM		31/1/12

DWG.NO | REFERENCE DRAWINGS

SEPL JOB No.-J11-1C72

	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 BANGALORE
DWG. SIZE A2

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UNLESS OTHERWISE SPECIFIED, TOLERANCES SHALL BE CONFORMING TO IS 1914 : PART 1 : 1992

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