



MILITIMETRES	(1) THIS DRAWING IS NOT TO SCALE
MS101 MS101	(2) DIMENSIONS ARE IN
4	(3) MATERIAL OF IN - TANK MIXER PARTS SHAFT IMPELLER BLADES
4	(4) TANK BAFFLES (BY MBE)
3(A510/E22) 3(A510/E22) 2(KICKER)	(5) IMPELLER SPEED (REV/MIN) NUMBER OF BLADES (TYPE) UPPER IMPELLER MIDDLE IMPELLER LOWER IMPELLER (IMPELLER HUBS ARE WELDED TO SHAFT AND BLADES ARE BOLDED TO HUBS.)
86	(6) CRITICAL SPEED(REV/MIN)
NIL	IMPELLER ADJUSTMENT UPPER IMPELLER LOWER IMPELLER
50 KW 14.75 200L 415/3/50	(7) MOTOR TYPE/PHS/VERTICAL FLANGE MOUNTED/STD SPEED (REV/MIN) CQI MAKE FRAME RATING (V/ph/Hz)
HF141	(8) GEAR BOX - M1420/34.51/1/P200L/V1/PBL MAKE
RB 360	(9) FLEXIBLE COUPLING : PIN & BUSH TYPE (LOW DRY MAKE)
MS	(10) RIGID FLANGE (LIGHTNING DESIGN)
35.13N KN. 25.46 KNm. 43.59 KNm.	(11) DESIGN DATA DOWNWARD LOAD TORQUE BENDING MOMENT DESIGN LOADS ARE GREATER THAN ACTUAL LOADS BY A SUITABLE FACTOR CONSISTENT WITH CONSTRUCTION CODES AND LIGHTNING EXPERIENCE
2.55 KN.	(12) LIGHTNING SHALL APPROVE THE AGITATOR MOUNTING DETAIL DIMENSIONS, MBE TO DESIGN THE SUPPORT STRUCTURE BASED ON LOADS ON THE STRUCTURE PROVIDED IN THIS DRAWING. FORCE ON EACH BAFFLE FOR BAFFLE DESIGN CALCULATED LOAD TO BE CONSIDERED AS A POINT LOAD ACTING AT THE INNER EDGE OF THE BAFFLE OPPOSITE THE IMPELLER CENTRE LINE. THE LOAD IS A LIVE LOAD & FLUCTUATING COMPONENT BE CONSIDERED TO BE ACTING ABOUT THE SAME POINT AS DETAILER ABOVE THE MAGNITUDE OF THIS FLUCTUATING COMPONENT IS TO BE CONSIDERED AS 50% OF THE CALCULATED LOAD. FORCING FREQUENCY IS 3 TIMES THE SHAFT ROTATION FREQUENCY BAFFLE DESIGN IS THE RESPONSIBILITY OF THE VESSEL MANUFACTURER.
525 kg 282 kg 1290 kg 2057 kg	(13) MIXER WEIGHT GEAR BOX MOTOR SHAFT/IMPELLERS/COUPLING/LAFTER RUN/BRO/HSS. TOTAL

MIXER QTY. 2NO.

AL FILTER FEED SURGE TANKS		PROVIDER ON ALL INTAKE HARDWARE	
EXECUTOR		MCNALLY BHARAT ENGG. CO. LTD.	
CUSTOMER		URANIUM CORPORATION OF INDIA LTD.	
RLML C.O.No.		604	
MBE'S P.O.No.		144B2; SO-07913	
		DATED:- 25.09.2008	
		RATHI LIGHTNIN MIXERS PVT. LTD.	
1162/2 SILVAJINAGAR, BEHIND OBSERVATORY, PUNE-411 005 (INDIA)			
TITLE		DATE	
<u>EQUIPMENT TAG NO. SAC-3A, B</u> G.A.FOR AGITATOR ASSEMBLY : RLCHQ-30		DRWN RRK 18 10 2008	
		CHECKED	
		APPROVED	
REFERENCE DRG. No.		SCALE	DRAWING No.
REF. AC'S DRG. No.		1:26	0 0 0 0 6 0 4 0 0 2
			REV. 3
			SHEET 1 OF 1
Rightg 30 * A2 * 1:26 D-RANAJIT:MCNALLY BHARAT:604:G			

REV	ZONE	DATE	DESCRIPTION	SIGN	REV	ZONE	DATE	DESCRIPTION	SIGN
		03.12.2009	DRAWING REVISED AS PER CLIENTS COMMENT	RRK					
		02.11.2009	DRAWING REVISED AS PER CLIENTS COMMENT	RRK			30.12.2009	DRAWING REVISED AS PER CLIENTS COMMENT	RRK