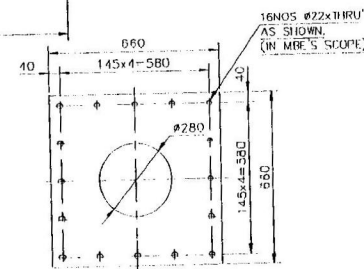
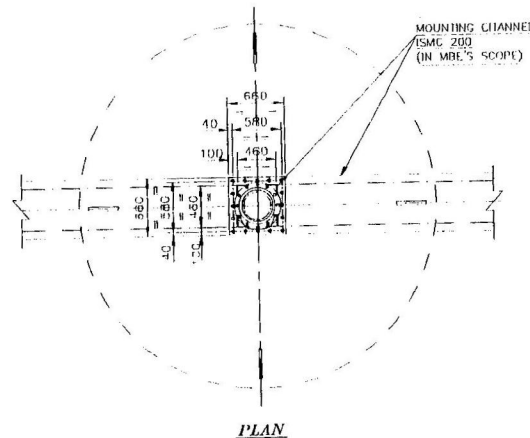


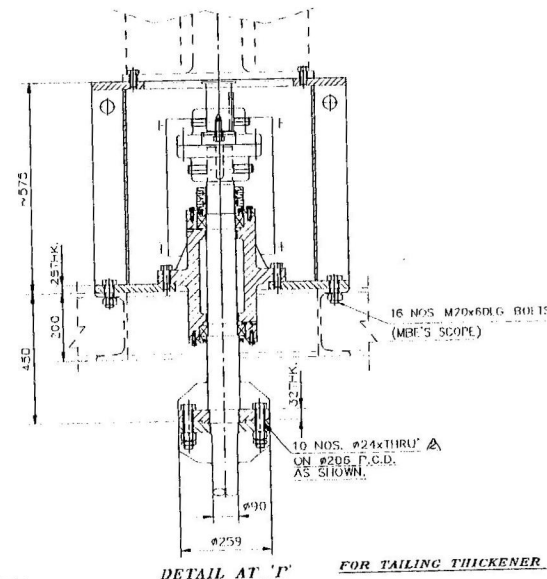
ELEVATION



MOUNTING PLATE DETAILS



PLAN



DETAIL AT 'P'

FOR TAILING THICKENER U/F TANK

MIXER QTY.-1 NO.

NOTES :

1. ON IMPELLER & SHAFT.
2. DISTANCE BETWEEN LIQUID LEVEL & MOUNTING PLATE TO BE MAINTAINED BY MBE.
3. AGITATOR MOUNTING FASTENERS & GASKET ARE IN MBE'S SCOPE.
4. ALL INTANK (WETTED) HARDWARES WILL BE IN SS316.
5. SHAFT DEFLECTION 1 MM PER METER.
6. PARALLELITY OF AGITATOR MOUNTING PLATE SHOULD BE LESS THAN 1 MM PER METER DIAMETER.
7. AFTER ERECTION & ALIGNMENT, RUBBER CAP SHALL BE PROVIDED ON ALL INTANK HARDWARE.

1	THIS DRAWING IS NOT TO SCALE
2	DIMENSIONS ARE IN MILLIMETERS
3	MATERIAL OF IN-TANK MIXER PARTS
4	SHAFT IMPELLER BLADES
5	TANK BAFFLES (BY MBE)
6	IMPELLER SPEED (REV/MIN)
7	NUMBER OF BLADES (TYPE)
8	UPPER IMPELLER
9	LOWER IMPELLER
10	CRITICAL SPEED (REV/MIN)
11	IMPELLER ADJUSTMENT
12	LOWER IMPELLER (IMPELLER BOLTS ARE WELDED TO SHAFT AND BLADES ARE BOLTED TO BOLTS)
13	MOTOR - 15 KW / 1460 RPM / 415 V / 50 HZ / 3 PHASE / 1.52 KN TORQUE
14	GEAR BOX - M1020/30.78-1/P160L/VI/DBL MAKE
15	FLEXIBLE COUPLING PIN & BUSH 1/2" LOVELLY MAKE
16	RIGID COUPLING (LIGHTNING DESIGN)
17	DESIGN DATA
18	DOWNWARD LOAD
19	TORQUE
20	BENDING MOMENT
21	DESIGN LOADS ARE GREATER THAN ACTUAL LOADS BY A SUITABLE FACTOR CONSISTENT WITH CONSTRUCTION CODES AND LIGHTNING EXPERIENCE
22	LIGHTNING SHALL APPROVE THE AGITATOR MOUNTING DETAIL DIMENSIONS. MBE TO DESIGN THE SUPPORT STRUCTURE BASED ON LOADS ON THE STRUCTURE PROVIDED IN THIS DRAWING.
23	FORCE ON EACH BAFFLE
24	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.
25	THE LOAD IS A LIVE LOAD & FLUCTUATING COMPONENT BE CONSIDERED TO BE ACTING ABOUT THE SAME POINT AS DETAILED ABOVE. THE MAGNITUDE OF THIS FLUCTUATING COMPONENT IS TO BE CONSIDERED AS 50% OF THE CALCULATED LOAD.
26	BAFFLE DESIGN IS THE RESPONSIBILITY OF THE VESSEL MANUFACTURER.
27	MIXER WEIGHT
28	GEAR BOX
29	MOTOR
30	SHAFT/IMPELLERS/COUPLING/LANTERN/BRIGHTS
31	TOTAL

HORIZONTAL LOAD = 1556 N.
VERTICAL LOAD = 5250 N.

REV	ZONE	DATE	DESCRIPTION	SIGN	REV	ZONE	DATE	DESCRIPTION	SIGN
1		03.12.2008	DRAWING REVISED AS PER CLIENT'S COMMENT.	RRK	1		03.12.2008	DRAWING REVISED AS PER CLIENT'S COMMENT.	RRK
2		07.11.2008	DRAWING REVISED AS PER CLIENT'S COMMENT.	RRK	2		07.11.2008	DRAWING REVISED AS PER CLIENT'S COMMENT.	RRK

EXECUTOR		MCNALLY BHARAT ENGG. CO. LTD.	
CUSTOMER		URANIUM CORPORATION OF INDIA LTD.	
RLML C.O.No.		604	
MBE'S P.O.No.		14482 ; SO:07913	
DATE		DATED : 25/09/2008	
SIGNATURE		DATE	
DRAWN		18/10/2008	
CHECKED			
APPROVED			
TITLE			
EQUIPMENT TAG NO.27AG-12			
C.A.FOR AGITATOR ASSEMBLY : RLCHQ-15			
REFERENCE DRC. No.		SCALE	
REPLACES DRC. No.		1:30	
DRAWING No.		SHEET	
0000604003		3	
Right-15 * 42 * 1:30 D.Ramajit,McNally,604,Fah			