



**UTILITIES REQUIRED**

**1) COMPRESSED AIR** : UP TO 2 KL 30 CFM @ 5 Kg/cm<sup>2</sup>  
 < 2 KL 45 CFM @ 6 Kg/cm<sup>2</sup>

**2) STEAM** : 200 Kg/hr @ 3.5 Kg/cm<sup>2</sup>

**3) CHILLED WATER** : 100 ltrs/min x DEPENDING ON PROCESS.

**4) FILTER WATER** : FOR WIP @ 80 LPM @ 6 Kg/cm<sup>2</sup>

**5) D.M. WATER** : AS PER PROCESS ( MIN. BATCH SIZE)

**6) POWER** : 418V / 3PH / 50 c/s / AC / AMPS. = T. H.P.x2

**NOTES:-**

1) ALL DIMENSIONS ARE IN mm UNLESS OTHERWISE SPECIFIED

2) LEV = LOCAL EXHAUST VENTILATION

BATCH SIZE	T1		T2		T3		H.P.																																														
	WORKING GROSS VOLUME	WORKING GROSS VOLUME	WORKING GROSS VOLUME	WORKING GROSS VOLUME	1 (7)	2 (12)	3 (7)	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49
20 ltrs.	15	17	25	28	25	28	0.5	-	0.5	-	0.5	-	-	1.0	0.5	1.0	0.25	0.5	-	-	0.5	0.25	0.5	-	-	1.0	0.5	1.0	0.25	0.5	-	-	0.5	0.25	0.5	-	-	1.0	0.5	1.0	0.25	0.5	-	-	1.0	0.5	1.0	0.25	0.5	-	-		
500 ltrs.	350	375	600	650	600	650	3.0	-	3.0	-	3.0	-	-	2.0	1.0	2.0	0.25	0.5	-	-	0.5	0.25	0.5	-	-	10	5	10	2.5	1.25	-	-	1.25	0.625	1.25	-	-	1.25	0.625	1.25	-	-	1.25	0.625	1.25	-	-	1.25	0.625	1.25	-	-	
1000 ltrs.	700	800	1000	1120	1000	1120	3.0	0.5	6.0	3.0	3.0	-	-	5.0	2.5	5.0	0.3	0.5	-	-	0.5	0.3	0.5	-	-	10	5	10	2.5	1.25	-	-	1.25	0.625	1.25	-	-	1.25	0.625	1.25	-	-	1.25	0.625	1.25	-	-	1.25	0.625	1.25	-	-	
1500 ltrs.	1000	1100	1800	1950	1800	1950	3.0	0.5	6.0	3.0	3.0	-	-	5.0	2.5	5.0	0.3	0.5	-	-	0.5	0.3	0.5	-	-	10	5	10	2.5	1.25	-	-	1.25	0.625	1.25	-	-	1.25	0.625	1.25	-	-	1.25	0.625	1.25	-	-	1.25	0.625	1.25	-	-	
2000 ltrs.	1400	1520	2500	2650	2500	2650	3.0	0.5	6.0	3.0	3.0	-	-	5.0	2.5	5.0	0.3	0.5	-	-	0.5	0.3	0.5	-	-	10	5	10	2.5	1.25	-	-	1.25	0.625	1.25	-	-	1.25	0.625	1.25	-	-	1.25	0.625	1.25	-	-	1.25	0.625	1.25	-	-	
3000 ltrs.	2000	2200	3500	3900	3500	3900	3.0	0.5	6.0	3.0	3.0	-	-	5.0	2.5	5.0	0.3	0.5	-	-	0.5	0.3	0.5	-	-	10	5	10	2.5	1.25	-	-	1.25	0.625	1.25	-	-	1.25	0.625	1.25	-	-	1.25	0.625	1.25	-	-	1.25	0.625	1.25	-	-	
4000 ltrs.	2750	3100	5000	5400	5000	5400	3.0	0.5	6.0	3.0	3.0	-	-	5.0	2.5	5.0	0.3	0.5	-	-	0.5	0.3	0.5	-	-	10	5	10	2.5	1.25	-	-	1.25	0.625	1.25	-	-	1.25	0.625	1.25	-	-	1.25	0.625	1.25	-	-	1.25	0.625	1.25	-	-	
6000 ltrs.	4000	4500	7000	7500	7000	7500	3.0	0.5	6.0	3.0	3.0	-	-	5.0	2.5	5.0	0.3	0.5	-	-	0.5	0.3	0.5	-	-	10	5	10	2.5	1.25	-	-	1.25	0.625	1.25	-	-	1.25	0.625	1.25	-	-	1.25	0.625	1.25	-	-	1.25	0.625	1.25	-	-	
10000 ltrs.	6500	7000	12000	14000	12000	14000	3.0	0.5	6.0	3.0	3.0	-	-	5.0	2.5	5.0	0.3	0.5	-	-	0.5	0.3	0.5	-	-	10	5	10	2.5	1.25	-	-	1.25	0.625	1.25	-	-	1.25	0.625	1.25	-	-	1.25	0.625	1.25	-	-	1.25	0.625	1.25	-	-	

S.NO.	DESCRIPTION	DRG. NO.	QTY.
19	INTANK HOMOGENISER	-	01 NO.
18	VACUUM SIFTER	-	01 NO.
17	LOADER	-	01 NO.
16	PRE BLEND	-	01 NO.
15	MOBILE WIP	-	01 NO.
14	IPC BIN	-	01 NO.
13	VIBRO SIFTER	-	01 NO.
12	JET AIR WAND WITH DAMPER	-	01 NO.
11	CYCLONE SEPARATOR	-	01 NO.
10	INTERCONNECTING PIPE LINE	-	01 SET.
9	MAIN CONTROL PANEL	-	01 NO.
8	VACUUM PUMP	-	01 NO.
7	TRANSFER PUMP	-	01 NO.
6	INLINE HOMOGENISER (OPTIONAL EDUCTOR)	-	01 NO.
5	PLATFORM CARBON STEEL STRUCTURE	-	01 NO.
4	FILTER PRESS	-	01 NO.
3	STORAGE VESSEL T3	-	01 NO.
2	COMPOUND VESSEL T2	-	01 NO.
1	SUGAR SYRUP VESSEL T1	-	01 NO.

REV.	DESCRIPTION	ALT.	CHKD.	DATE
INTERTECH EQUIPTECHNOLOGIES PVT.LTD.				
DRN. A.S.D. TITLE :- LIQUID MANUFACTURING PLANT				
CHD.	J. NO.	SALES		
APPD.	QTY.	D1 SET		
DATE	SIZE	A3		
SCALE	SHEET	1 OF 1		
	REV.	00		