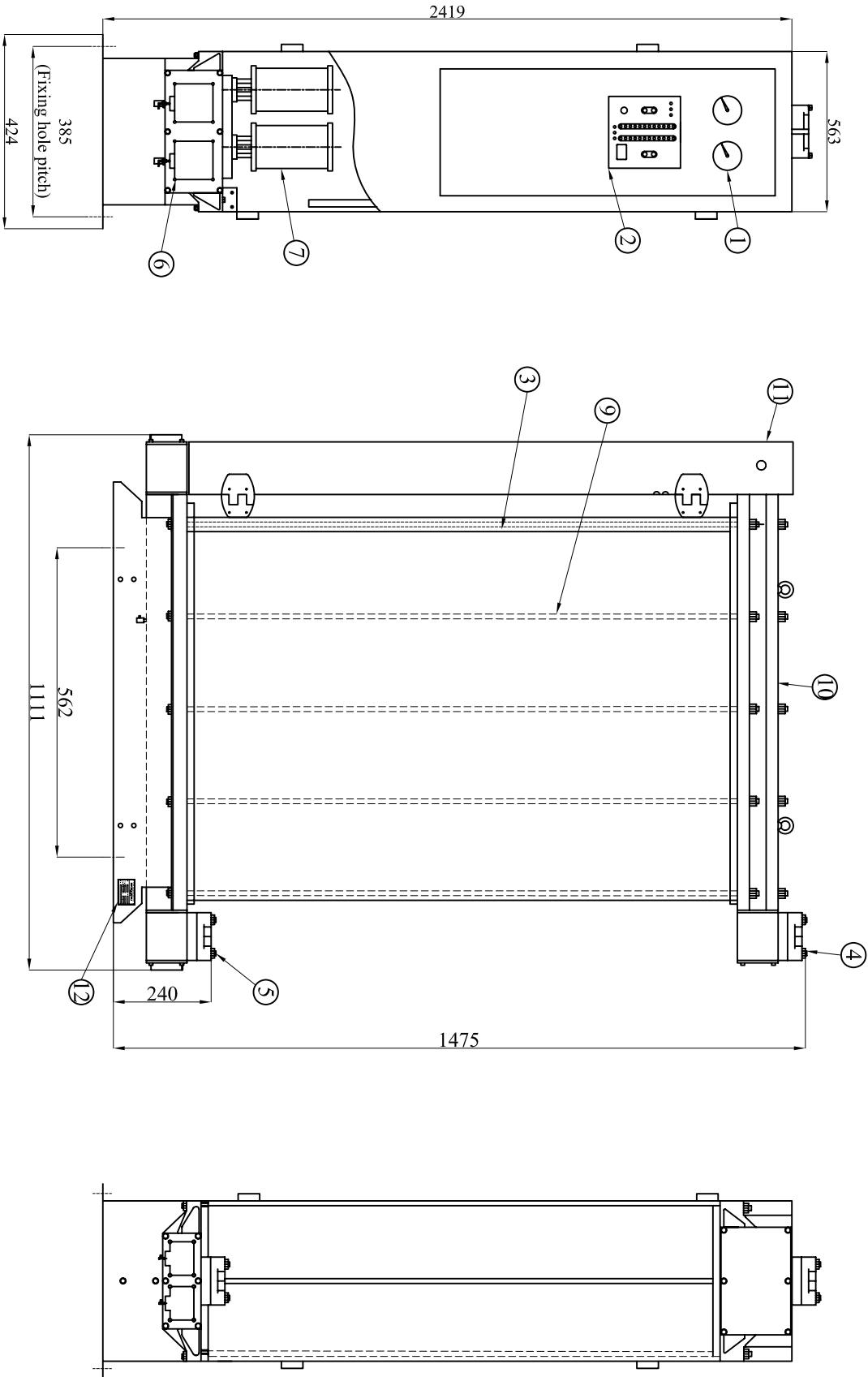


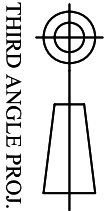
DIMIN	OVER	-	6	30	120	315	1000	2000	>4000	ROUGHNESS SYMBOL												
	UP TO & INCL	6	30	120	315	1000	2000	4000		ROUGHNESS VALUE Ra μm	N1	N2	N3	N4	N5	N6	N7	N8	N9	N10	N11	N12
	TOLERANCE	± 0.1	± 0.2	± 0.3	± 0.5	± 0.8	± 1.2	± 2			± 3	0.025	0.05	0.1	0.2	0.4	0.8	1.6	3.2	6.3	12.5	25



TEST STANDARD
ASME SEC - VIII DIV 1

SPECIFICATION		PED 97 / 23 / EC .CATAGORY : IV
1. FLUID	: AIR	
2. INLET CONDITION		
FLOW RATE	: 500 cfm	
TEMPERATURE	: 45°C	
PRESSURE	: 7-12.5 kg/cm ² (g)	
RELATIVE HUMIDITY	: 100 %	
3. OUTLET CONDITION		
FLOW RATE	: 425 cfm	
TEMPERATURE	: 45°C	
PRESSURE DROP	: 0.15 kg/cm ² (g)	
DEW POINT	: -40°C Activated alumina	
	: -60°C molecular sieves	
4. DESIGN PRESSURE	: 14 kg/cm ² (g)	
5. MAX INLET PRESSURE	: 12.5 kg/cm ² (g)	
6. DESIGN TEMPERATURE	: 50°C	
7. JOINT EFFICIENCY	: 70%(panel box)	
8. TEST DATA		
HYD TEST PRESSURE	: 21 kg/cm ² (g)	
MEDIUM	: WATER	
TEMPERATURE	: AMBIENT(25°C)	
DURATION IN MIN	: 30	
AXIS	: VERTICAL	
9. ELECTRICAL	: 230v, 1Ph, 50Hz	
10. MODEL VARIENT	: A - Activated almina	
	: B - Molecular sieves	

12.	NAME PLATE	1	7503 06	0	
11.	PANEL BOX	1	6931 56	0	ASME SA1008
10.	OUTLET HEAD	1	6931 39	0	ASME SB221 / A6063
9.	INLET HEAD	1	6931 39	0	ASME SB221 / A6063
8.	TIE ROD	15	6931 12	0	ASME SA479
7.	SILENCER	2	6931 54	0	ASME SB211 / A2024
6.	VALVE HOUSING SILENCER	1	6931 34	0	ASME SB26
5.	VALVE HOUSING IN/OUT	2	6931 29	0	ASME SB26
4.	SQ FLANGE IN/OUT	2	6931 53	0	ASME SB26
3.	TOWER	8	6931 47	0	ASME SB241
2.	TIMER	1		0	EN 61010-1 : 2001 / / EN 61326-1 : 1997
1.	PRESSURE GAUGE	2		0	IS 3624 : 1997
S.NO	DESCRIPTION	QTY	DRG NO	REV NO	MOC



THIRD ANGLE PROJ.

GEM EQUIPMENTS LTD
COIMBATORE-641 407

DRAWN
SAKTHI

CHECKED

APPROVED

DATE
18.09.10

TITLE

GA DRAWING AIR DRYER
SPD 500

SIZE DWG. NO.
A3

6935 10

REV
0

SCALE : NTS

SHEET 1 OF 1

*ALL DIMENSIONS ARE IN MM

F/DSN/002

FILE:D:\SPD\DRAWINGS\6935 10