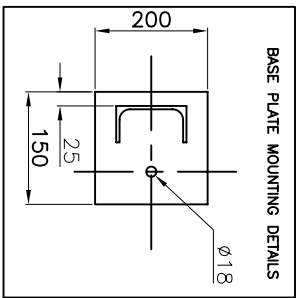


REG. NO.	NO.	REVISION	NAME	DATE



FOUNDATION DETAILS

SCOPE OF SUPPLY

1. PRESSURE GAUGE WITH FITTINGS
2. SAFETY VALVE WITH FITTINGS
3. MANUAL DRAIN WITH FITTINGS






WORKING PRESSURE Kg/cm ² (g)	DESIGN PRESSURE Kg/cm ² (g)	TEST PRESSURE Kg/cm ² (g)	THICKNESS	
			SHELL	DISH
7	8	12	5	6

NOZZLE SCHEDULE

- N1 : 2" BSP CONNECTION FOR AIR INLET
N2 : 2" BSP CONNECTION FOR AIR OUTLET
N3 : 1/2" BSP CONNECTION FOR DRAIN
N4 : 3/8" BSP CONNECTION PRESSURE GAUGE
N5 : 1 " BSP CONNECTION FOR SAFETY VALVE
N6 : 1/2" BSP CONNECTION FOR VENT
N7 : 1/2" BSP CONNECTION FOR PRESSURE SWITCH
N8 : MAN HOLE 475 X 425
N9 : 1/2" BSP CONNECTION FOR SAMPLE

SPECIFICATION :

TYPE	: AIR TANK
WORKING TEMPERATURE	: 45°C
CAPACITY	: 2 m ³
MODEL	: AT 200
CODE OF CONSTRUCTION	: IS 2825
DESIGN TEMPERATURE	: 100°C
SHELL MATERIAL	: IS 2062
DISHEND MATERIAL	: IS 2062
CORROSIVE ALLOWANCE	: 1.5mm
HEAT TREATMENT	: NIL

DIMEN	OVER	—	6	30	120	315	1000	2000	>4000	ROUGHNESS SYMBOL												
	UP TO & INCL	6	30	120	315	1000	2000	4000			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	ROUGHNESS VALUE Ra (µm)	0.025	0.05	0.1	0.2	0.4	0.8	1.6	3.2	6.3	12.5	25

ALL DIMENSIONS ARE IN mm
UNLESS OTHERWISE SPECIFIED

MACHINED SURFACES AS PER IS : 2102(med.)

UNMACHINED SURFACE ± 0.5
ANGULAR $\pm 1^\circ$ SURFACE FINISH
BREAK ALL EDGES 0.1 - 0.25 R

PROPRIETARY MATERIAL

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GEM EQUIPMENTS(P) LTD
COIMBATORE-641 407

DRAWN
SUBHAM

CHECKED

TITLE
AIR TANK AT-200

APPROVED

SIZE DWG. NO.

DATE _____

A3	
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11.C

SCALE : NTS

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