



NOZZLE SCHEDULE

MARK	SERVICE	SIZE	REMARKS
N1	AIR INLET	150 NB	SCH.40
N2	AIR OUTLET	150 NB	"
N3	UNLOADER CONNECTION	1/2"BSP	3000#
N4	PRESS. GAUGE CONNECTION	3/8"BSP	"
N5	RELIEF VALVE CONNECTION	2"BSP	"
N6	DRAIN VALVE CONNECTION	1"BSP	"
N7	SPARE	3/4"BSP	3000#
M1	MAN HOLE	450x400	AS PER DRG. NO. AR/STD/02

DESIGN DATA :

- 1) DESIGN CODE. : ASME SECT. VIII DIV. 1
- 2) WORKING PRESSURE. : 13.0 kg/cm² g
- 3) DESIGN PRESSURE. : 14.5 kg/cm² g AT - 100°C
- 4) JOINT EFFICIENCY. : 0.85 SHELL, 1.0 DISH
- 5) RADIOGRAPHY. : SPOT
- 6) HYDRO TEST PRESS. : 21.75 kg/cm² g
- 7) CORN. ALLOWANCE : 0.75 mm.

MATERIAL :

- 1) SHELL/DISH/R.F. PAD : I.S. 2002 GR.1 OR II/A 285 GR.C
 - 2) PIPE : SA 106 GR.B/SA53GR.B/AP15L GR.B
 - 3) FLANGE : SA 105 TO ASA 150# SORF.
 - 4) BASE RING : I.S. 226 / I.S. 2062 OR EQUIV.
 - 5) SOCKET : SA105/I.S. 1239 SEAMLESS
 - 6) HEAT-TREATMENT : NIL
- NOTE :- ANY ALTERNATE MATL. ACCEPTABLE FOR-PRESSURE VESSEL MAY BE USED.

GENERAL NOTES :-

- 1) ALL DIMENSIONS ARE IN mm.
- 2) LONG SEAM & CIRC. SEAM WILL BE PROVIDED IN SHELL AS PER THE SIZE OF PLATE AVAILABLE.
- 3) NOZZLE OPENINGS NOT TO PIERCE ANY WELD SEAM.
- 4) ALL NOZZLE FLANGES SHALL BE SORF & OF 150# RATING & BOLT HOLES TO BE OFF C.L.
- 5) DISHED ENDS IF MADE IN TWO OR MORE PIECES, SHALL HAVE THEIR LONG SEAMS WELD 100% RADIOGRAPHED.
- 6) RADIOGRAPHY WILL BE DONE BY GAMA RADIATION.
- 7) ALL INTERNAL SURFACES SHALL BE CLEANED & ONE COAT OF BLACK BITUMINOUS PAINT APPLIED.
- 8) ALL EXTERNAL SURFACES SHALL BE CLEANED & A. D. GREY SYNTHIC ENAMAL APPLIED.
- 9) ALL FITTINGS (PR. GAUGES, SY. PIPE, SAFETY VALVE & DRAIN VALVE) TO BE PACKED SEPERATELY.
- 10) INSPECTION BY - BPM INDUSTRIES STAGewise.

FOR DETAILED REFERENCE AS UNDER :

- 1) WELD DETAIL : DRAWING NO. AR/STD/01
- 2) MAN HOLE DETAIL : DRAWING NO. AR/STD/02
- 3) SKIRT ASSEMBLY DETAIL : DRAWING NO. AR/STD/03
- 4) FOUNDATION DETAIL : DRAWING NO. AR/STD/04



BPM INDUSTRIES

201-A, ROAD NO. 29, VIA ROAD NO. 16,
WAGLE INDUSTRIAL ESTATE, THANE - 400 604.

DRAWN	CHETAN	CLIENT :-
APPD.		
DATE	25-06-99	EQUIPMENT :- VERTICAL AIR RECEIVER - 4.0 M ³
SCALE	N.T.S.	WT. EMPTY : 1760 ± KG. WT. FULL OF WATER : 5760 ± KG.
PROJ.		DRG. NO. 4.0 M13 D12
		REV. NO. 00

RIV. NO. DATE REVISIONS