

TITLE :	TECHNICAL DATA SHEET FOR HYDRANT VALVES	DOC NO.	MMLH/FPS/08		
PACKAGE:	FIRE FIGHTING SYSTEM	REV.	0	DATE:	12.10.2017
PROJECT:	MMLH, VIZAG	SHEET	1	OF	1

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|-------|-----------------------------------|---|
| 1.0 | Manufacturer | GEI / Newage / Shah Bhogilal / Fire Shield / Sha Engg /Equivalent
App. Make |
| 2.0 | Type | Female Oblique type outlet angled towards ground |
| 3.0 | Code / Standard | : IS:5290 Type A |
| 4.0 | Hydrostatic Pressure of Test Body | : 21 Kg/cm2 (g) |
| 5.0 | Water tightness test at valve | : 14 Kg/cm2 (g) |
| 6.0 | Flow | : 54 m3 / Hr at 7 Kg/cm2 (g) |
| 7.0 | Size | : Inlet 100 NB for double headed , 80 NB for single
headed & Outlet 63 NB |
| 8.0 | Bonnet Type | : Screwed / Bolted |
| 9.0 | Stem type | : As per IS:5290 (Rising) |
| 10.0 | Operation | Handwheel |
| 11.0 | Inlet | : Flanged (Flat Faced) drilled as per ANSI B 16.5, class 150 FF |
| 11.1 | Outlet | : Female instantaneous coupling with spring lock type coupling as
per IS:5290 with blank cap & chain |
| 12.0 | MATERIAL OF CONSTRUCTION | |
| 12.1 | Column Pipe | : MS Black to IS:1239 (Part -I) Heavy |
| 12.2 | Body | : SS to IS:3444 Gr.01 |
| 12.3 | Bonnet | : SS to IS:3444 Gr.01 |
| 12.4 | Stop valve | : SS to IS:3444 Gr.01 |
| 12.5 | Seat | : Neoprene Rubber |
| 12.6 | Check nut & Gland Nut | : SS to IS:3444 Gr.01 |
| 12.7 | Spindle | : IS:6603-1972 Gr04 Cr. 04 18 Ni 10 |
| 12.8 | Hand Wheel | : CI to IS:210 Gr. 20 |
| 12.9 | Instantaneous coupling | : SS to IS:3444 Gr.01 |
| 12.10 | Spring | : Phosphor Bronze as per IS :7608 |
| 12.11 | Gland packing | : Asbestos as per IS : 4687 |
| 12.12 | Washer, Gasket | : Rubber to IS:937 |
| 13.0 | Approval | : ISI Marked |