

TITLE :	TECHNICAL DATA SHEET FOR WATER MONITOR				
		DOC NO.	MMLH/FPS/09		
PACKAGE:	FIRE PROTECTION SYSTEM	REV.	0	DATE:	12.10.2017
PROJECT:	MMLH-VIZAG	SHEET	1	OF	1
1	Manufacturer	:	HD Fire/ Newage/GEI / Shah Bhogilal / Equivalent Make		
2	Confirms to IS Code	:	IS: 8442		
3	Type	:	Stand post 4 " NB		
4	Size Barrel/Nozzle	:	63 mm		
5	Discharge Capacity	:	1750 ltr/min. At 7 kg/cm2		
6	Hydrostatic Test Pressure(without nozzle)	:	23m kg/cm2 (leakproof)		
7	Throw (at 7 kg/cm2)	:			
7.1	Min. Horizontal	:	53 m		
8	Rotation		Horizontal- 360 deg		
8.1	Horizontal	:	360 Deg. In either direction		
8.2	Vertical	:	Vertical- 125 deg (Upward + 80 Deg.; Downward – 45 Deg)		
9	Material of construction				
9.1	Water Barrel	:	MS seamless pipe to IS:1239		
	Elbow (Bend) & Reducer		IS 4310 & IS 1239 Part II Gr A		
9.2	Male & Female Swivel Joint	:	Gun Metal to IS: 318 Gr. LTB 2		
9.3	Locking Nut	:	Brass IS:291 - 1		
9.4	Handle	:	Steel round bar - MS		
9.5	Nozzle	:	Bronze IS:318 LTB 2		
9.6	Base Flange	:	M.S. to IS: 2062		
9.7	Flange drilling dimension	:	As per ASA 150#, B 16.5 , 4" NB		
10	Acceptability to TAC	:	ISI marked		
11	Inspection & Testing	:	As per approved QAP		
12	Qty	:	As per approved drawings		
13	Accessories	:	Nozzle Spanner & Blank cap		
14	Anti Corrossive Treatment		Hot Dip Galvanising for ferrous items & all items with 3 coats of fire red colour as per IS : 5 Shade no. 536		