

TITLE :		TECHNICAL DATA SHEET FOR C I GATE VALVES		DOC NO.		MMLH/FPS/14	
PACKAGE:		FIRE PROTECTION SYSTEM		REV.		0	
PROJECT:		MMLH VIZAG		SHEET		1	
				DATE:		12.10.2017	
				OF		1	
1.0	<b>Manufacturer</b>	KBL/ H sarkar / Fluid Control /Upadhya/ Kalpana/ / Equivalent approved make					
2.0	Type	Rising Spindle					
3.0	Size	All sizes with Flanged ends					
4.0	Quantity	As per approved drawings					
5.0	Code/ Standard	IS-14846					
6.0	<b>Material of construction</b>						
6.1	Body	CI to IS:210 FG 260					
6.2	Bonnet	CI to IS:210 FG 260					
6.3	Hand wheel	CI to IS:210 FG 200					
6.4	Stem	SS , IS: 6603, GR 12 CR 13					
6.5	Wedge	CI to IS:210 FG 200					
6.6	Gland	CI to IS:210 FG 200					
6.7	Packing	Jute & Hemp IS:5414					
6.8	Body seat ring	Leaded to Bronze to IS:318 Gr. LTB2					
6.9	Wedge seat ring	Leaded to Bronze IS:318 Gr. LTB2					
6.10	Gaskets	Rubber to IS: 638 Type – B					
6.11	Counter flange	IS:2062 drilled to ANSI B 16.5 # 150 (By others)					
7.0	Hydrostatic test pressure ( as per mfr drg)						
7.1		PN 1.6	PN 1.0				
a)	Body	24 Kg/cm2	15 Kg/cm2				
b)	Seat	16 Kg/cm2	10 Kg/cm2				
8.0	End connection	Flanged connection ( B16.5 150 #, FF )					
9.0	Hand wheel	Provided					
10.0	Spur gear reduction unit	Provided (For size 350 & above					
11.0	Accessories provided						
11.1	Position indicator	Provided					
11.2	Locking arrangement	As required					
12.0	Painting	Two coats of epoxy painting on internal & external unlined surface of valve					