

	<h1 style="text-align: center;">DURGA VALVES PVT. LTD.</h1> <p style="text-align: center;">Ichapur Road Canal Side, Howrah.</p>			
	<h2 style="text-align: center;">TECHNICAL DATA OF SLUICE GATE IS-3042</h2>			
Client :				
Fluid to be Handle Pressure Class Design Std. Temperature Type of Gate Type of Spindle Type of Mounting Type of Closure Type of Head Type of Application Type of Sealing Faces Type of Opening Operation Lift Mechanism Position Actuator	: Raw Water : Class-1 : IS: 3042/65 (Single faced Sluice Gate) : Ambient : Spigot Back Frame type. : Rising Spindle : Mounted on wall through permanent grouting of spigot ends : Flush bottom closure : Seating Head : For regulating flow in and out of conduit : On Machined Flat Surface : Upward opening : Manual : Mounted separately on platform above gate frame : N/A			
<h3 style="text-align: center;">Material of Construction</h3>				
Frame, Door, Guide Strip, Headstock & H/wheel Seating Face & Stem nut Spindle Fasteners Extension Spindle Anchor Bolts Coupling Guide Bracket Flush Bottom Seal Stem Protecting Cover	: C. I. to IS:210 Gr. FG-260. : SS 316 : SS 410 : SS 316 : MS IS 2062 : SS 316 : SS 316 : C.I./MS : EPDM : M.S.			
<h3 style="text-align: center;">Testing</h3>			<h3 style="text-align: center;">Inspection</h3>	
<u>Testing Parameter</u> * Dimensional Check * Smooth Movement test * Shop Leakage Test (Water filling test at atmospheric pressure by filling water upto the brim of spigot.)			Hydro Test : Witness & Test Report Visual : Witness & Test Report Material Test : Test Report	
<h3 style="text-align: center;">Quantity</h3>			<h3 style="text-align: center;">Note</h3>	
Size (NB)	Qty. (Nos)	Service / Application	<ol style="list-style-type: none"> Gate should closed with clock wise rotation of H/W. (Direction of 'Open' & 'Shut' mark cast on Hand wheel) Manual lift mechanism to enable a single person to operate gate with effort < 20kgs. Gates shall be painted with one coat of red oxide primer & two coats of Black Bituminous paints and two coats of grey enamel paint for headstock. Gate travel indicator shall be provided on the stem protecting cover to indicate the position of door. Marking: Brand/Size/Rating/Heat No. & SI. No. 	
PREPARED BY PR	SHEET 1 OF 1	DEC. DOC. No. DS-PSG-IS-3042	REV 0	DATE 11/05/15