



NOTE :- PCD AS PER (PN16) EN 1092-2.

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED.

- NOTES:**
- ALLOWABLE DEVIATION FOR UNTOLERANCED DIMENSIONS OF CASTINGS TO BE AS PER ISO/TS 8062-3.
 - ALLOWABLE DEVIATION FOR DIMENSIONS WITHOUT SPECIFIED TOLERANCES TO BE AS PER ISO:2768.
 - ALL FASTENERS (NUTS,BOLTS & WASHERS) FOR GATE ASSEMBLY, CHEMICAL ANCHOR FASTENERS FOR GATE FRAME TO BE OF STAINLESS STEEL ASTM A276 TYPE 316 MATERIAL.
 - ADHESIVE CAPSULE/CHEMICAL CAPSULE FOR CHEMICAL ANCHOR FASTENERS TO BE ARRANGED BY CLIENT.
 - APPROX. WEIGHT OF GATE ASSEMBLY IS 275 kgs.
 - PAINT FOR FLAP GATE ASSEMBLY :- JOTUN TANKGUARD 412- EPOXY PAINT WITH BLACK SHADE TOTAL DFT 250 MICRONS.

SR.NO	DESCRIPTOPN	MATERIAL
09	HINGE STUD	STAINLESS STEEL ASTM A276 TYPE 431
08	HINGE PIN	S.S. ASTM A276 TYPE 316
07	BUSH	BRONZE ASTM B584 C86500
06	SEAT FACING	PHOSPHOR BRONZE BS EN 1982, GRADE CuSn11Pb2-C (CC482K)
05	DRIVE NUT	DUCTILE IRON EN1563 GJS-450-10
04	HINGE BLOCK	
03	HINGE ARM	
02	FLAP	CAST IRON BS EN 1561 GRADE 250
01	FRAME	

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REV	DATE	DESCRIPTION	REV.BY	APPROVAL
1				

DRN BY: D.T.	PROJECT:-
CHKD BY: A.P.	CLIENT'S NAME :-
APPVD BY: D.K.	LOCATION :-
	QTY. :-

GENERAL TOLERANCES:
 MACHINING: ±0.2mm
 DIMS: <1000mm ±1.5mm
 DIMS: >1000mm ±2.0mm

FIRST ANGLE PROJECTION

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TITLE:- GENERAL ARRANGEMENT & CIVIL BLOCKOUT DETAILS FOR A-604 SERIES GATE SIZE:Ø800 MM	DRAWING NO.: GA-A-WF-A-604-0015
MATERIAL: SEE MATERIAL NOTES	REV. NO.: R0 SHEET NO. 1 OF 1