

**RECOGNISED AS WELL KNOWN FOUNDRY BY THE CENTRAL BOILER BOARD
UNDER REGULATION 73 TO 80 OF INDIAN BOILER REGULATION-1950**

Certificate No.: 316 Valid upto 24th Sept. 2018

FORM III F

M/s **HI-TECH BUTTERFLY VALVES (I) PVT.LTD.**
PLOT NO 276,577,578,579
SECTOR-III,PITHAMPUR-454775

IBR Certificate No.: GTA/IBR/18-19/1162 DATE: 20-05-2018
P.O. No.: HTBV/PO/225

Heat Nos. & Date of Pouring: GTA-563 26-04-2018

CHEMICAL ANALYSIS

HEAT NO	C%	Mn%	Si%	S%	P%	Cr%	Ni%	Mo%	Cu%	V%	RE%	CE%
MIN ->	---	---	---	---	---	---	---	---	---	---	---	---
MAX ->	0.300	1.000	0.600	0.035	0.035	0.500	0.500	0.200	0.300	0.030	1.000	0.430
GTA-563	0.180	0.570	0.360	0.011	0.017	1.200	0.250	0.480	0.023	---	1.953	---

MECHANICAL PROPERTIES

HEAT NO	YS N/mm2 / 0.2 OFFSET	UTS N/mm2	%ELONGATION	%REDUC. IN AREA	HARDNESS IN BHN	BEND 90'
MIN ->	250.000	485.000	22.000	35.000	---	---
MAX ->	---	655.000	---	---	---	---
GTA-563	348.071	518.268	28.500	45.830	154	OK

SPECIFICATION ASTM A 216/216M GR.WCB-2014
HEAT TREATMENT 920°C SOAKED FOR 2 HRS THEN AIR COOLED
DETAILS OF CASTING POURED

IDENTIFICATION MARK ==>

HEAT NO	ITEM	QTY	DRAWING NO
GTA-563	200 MM X 300# SCV (BODY+COVER+DISC+HINGE)	1+1+1+1	HTI/SCV/#300/001

We hearby certify that item mention above composition conform to ASTM A 216/216M GR.WCB-2014
The above casting(s)conform to IBR requirements.
Casting visual inspected as per MSS SP-55 TYPE II-XIIa

FOR GOLD TECHNO ART

MO.AASIM MANSURI/SAMEER PATHAN
QA/QC Incharge:

FOR GOLD TECHNO ART

SIDDIK BHAI/NAJIRBHAI
PARTNER