



**DELTA PACIFIC VALVES LTD.** Tel : +44 (0) 1353 725 540  
 Broadpiece, Mereside, Soham, Cambridgeshire,  
 CB7 5EL, England, U.K.  
 Fax : +44 (0) 1353 722 534  
 Email: sales@dpv-uk.com



## MATERIAL TEST CERTIFICATE

EN 10204 - 3.1

Customer: XXXXXXXXXX  
 Customer Reference: 37/17

Date: 10<sup>th</sup> October 2017  
 Page: 1 of 1

**ORIGINAL**

DPV Reference: TCO7188-001

Item No.	DESCRIPTION	QTY (PCS)	Class (Lb)	NPS (inch)	SERIAL (NO)	END	Material				Hydrostatic Test (Mpa)			Air Test (Mpa)		Result																																																																		
							Body/Bonnet	Wedge	Stem	Seat	Body	High Seat	Back	Seat																																																																				
1	Gate Valve, Gear Op	2	150LB	28"	7188-9-10	RF	WC	WC	WC	WC	WC	WC	WC	WC	WC	WC	OK																																																																	
Item No.	DESCRIPTION	SERIAL (NO)	HEAT (NO)	MAT	C%	Mn%	Si%	P%	S%	Cr%	Ni%	Mo%	Cu%	V%	N%	Mechanical Properties																																																																		
																Tensile strength	Yield strength	E%	HB	Impact Toughness (ft-lbs) / J (-46°C)																																																														
1	Gate Valve	7188-9-10	9348	A105	0.23	0.76	0.18	0.027	0.033	0.13	0.14	0.09	0.12	0.03	0.009	Nb%	535	282	30	41	162	/																																																												
																	BOLT	7183	B7M	0.42	0.79	0.28	0.024	0.031	0.85	/	/	/	/	/	/	/	760	605	27	60	208	/																																												
																																							NUT	3679	2HM	0.43	0.77	0.22	0.033	0.032	/	/	/	/	/	/	/	/	/	/	/	/	/	/																						
																																																													STEM	5006	F6a	0.11	0.62	0.63	0.027	0.023	11.75	0.14	/	/	/	/	/	/	640	428	27	41	185	/
BODY/BONNET	D2352	WCB	0.22	0.64	0.42	0.027	0.026	0.08	0.07	0.09	0.08	0.005	/	/	/	567	281	31	42	161	/																																																													

DPV declare that the products detailed in the above document have been manufactured in an environment assessed and certified to meet the pressure equipment directive 2014/68/EU. PED notifying body Lloyds under the number 0038  
 Design API600. Testing API 598. Face to face ANSI B16.10, Ends ANSI B16.47 Series 'A'. To NACE MR0175. Heat treatment = Normalised  
 We hereby certify that the material described above has been tested and complies with the terms of relevant order contract.

