

## TEST REPORT

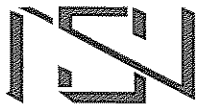
TITLE : Testing of Valve  
OUR REFERENCE NO. : J13285-5  
DESCRIPTION OF SAMPLE : Ductile iron resilient seat gate valves with handwheel; pressure rating PN25; size: A) 80mm, B) 100mm and C) 150mm  
SAMPLE SUBMITTED BY : Gate Way Valve & Fitting Ltd.  
Flat F, 22/F., Luk Hop Industrial Bldg.,  
8 Luk Hop Street, San Po Kong,  
Kowloon, Hong Kong.  
MANUFACTURER : AVK International A/S  
COUNTRY OF ORIGIN : Denmark  
BRAND : AVK  
BODY MARKINGS :

Size of valve (mm)	Body markings	
80	AVK	DN80 PN25 GGG / GJS D.I.
100		DN100 PN25 GGG
150		DN200 PN25 GGG

MODEL : 21/60  
METHOD OF TESTS : BS5163: 1986 (Cl.19); BS5150: 1991 (Cl.18); BS6755: Part 1: 1986  
- Hydraulic Pressure Test  
PERIOD OF TESTS : 10<sup>th</sup> December 2008

RESULTS: - (apply only to the samples tested)

The test results are shown in the subsequent page.




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OUR REFERENCE NO. J13285-5 (P.2)

### HYDRAULIC PRESSURE TEST

		Nominal pressure PN (bar)	Body test (1.5 PN)			Seat test (1.1 PN)		
			Test pressure (bar)	Duration (s)	Remark	Test pressure (bar)	Duration (s)	Remark
Sample	80mm	25	45	60	Pass	27.5	60	Pass
	100mm	25	45	60	Pass	27.5	60	Pass
	150mm	25	45	60	Pass	27.5	60	Pass
BS Requirement		25	37.5	60	/	27.5	30	/

Note : No leakage was detected during the above test.

Date : 2<sup>nd</sup> January 2009 Authorized signature : 

Nutek Systems is a testing agency, approved by the Water Authority and Government Supplies Department, for testing water supply fittings.

Samson W.K. Yiu  
( Director )