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FLUID CONTROL RESEARCH INSTITUTE



(ISO 9001: 2008 REGISTERED FIRM CERT.NO: IN/08/1117)

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CERTIFICATE OF TESTING

CERTIFICATE NO T0027

**SUB: PROOF OF DESIGN TEST OF DUCTILE IRON RESILIENT
SEATED DOUBLE ECCENTRIC BUTTERFLY VALVE**

for

AVK Valves India (P) LTD , Kolar 563130

Report No. : FCRI/SAAP/426 /2015-16

PAGE 1 OF 8 PAGES

DATE OF RECEIPT : 20/10/2015

APPROVED BY

COND. OF RECEIPT : NEW

DATE OF TESTING : 16/12/2015 to 06/01/2016

DATE OF ISSUE : 30/01/2016

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SUMMARY

A 200 mm size PN 16 Ductile Iron Resilient seated Double Eccentric Butterfly Valve was tested for 10000 numbers of mechanical cycles as per AWWA C 504 standard under the test pressure of 17.6 bar (1.1 times rated pressure). The valve was pressurized to the 1.1 times the rated pressure in the closed position for duration of two minutes and made to break open against the rated differential pressure by using an electrical actuator. After completion of cyclic test the valve was subjected to shell test, and seat leakage test. The valve is working satisfactory as described in the test procedure.

Tested by

witnessed by

Checked by

for

Amal
ABOBACKER SIDHIK. A,

Santhosh Kumar
SANTHOSH KUMAR

S. Manikandan
S. MANIKANDAN,

Santhosh .K.K
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(AVK Valves)

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The uncertainties are for a confidence probability not less than 95.4%