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FLUID CONTROL RESEARCH INSTITUTE

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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

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Dr. S. Rammohan
Chief Research Engr.

SUMMARY

A 600 mm size PN 16 **Ductile Iron Resilient seated Double Eccentric Butterfly Valve** was tested for 5000 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

ABOOBACKER SIDHIK. A,

SANTHOSH KUMAR

S. MANIKANDAN,

SANTHOSH .K.K ,

(AVK Valves)

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