



COMMERCIAL - IN - CONFIDENCE



CERTIFICATE
NO.: T0027

FLUID CONTROL RESEARCH INSTITUTE, PALGHAT

CERTIFICATE OF TESTING

Report No. : FCRI/POD-025 /2012

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SUB: PROOF OF DESIGN TEST OF GATE VALVE

for

AVK VALVES India Pvt. Ltd, KOLAR -563130

FLUID CONTROL RESEARCH INSTITUTE

(ISO 9001: 2000 REGISTERD FIRM CERT.NO: IN/08/1117)

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APPROVED BY

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Quality Director (Quality & Projects)



SUMMARY

A DN 300 size gate valve was tested for 21,500 numbers of mechanical cycles under the test pressure of 10.5 bar and 3.0 bar. The valve was pressurized to the rated pressure in the closed position for duration of 30 seconds and made to break open against the rated differential pressure by using an electrical actuator. The valve was subjected to seat leak test for every 1000 cycles of operation. After completion of cyclic test the valve was subjected to shell test, and seat leakage. The valve body and seat was holding the pressure during the entire mechanical cycles as mentioned.

Tested by

S. Manikandan
S. MANIKANDAN

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