Control Valve Maintenance Support System
PLUG-IN Valstaff
Change Control Valve Maintenance

Supported Smart Valve Positioner

Model AVP60/70 (General Type)  
Model AVP70/100 (General Type)  
New AVP300 (General Type)
Model AVP300 (Remote Type)
Model AVP202 (Remote Type)

Please read "Terms and Conditions" from the following URL before ordering and use.
https://www.azbil.com/products/factoryorder.html

Azbil Corporation
Advanced Automation Company
Kawasaki, Kanagawa, Japan
URL: https://www.azbil.com

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1. Contribute to reduce unplanned downtime
2. Dramatically reduce the man hours required with loop test
3. More efficient response to control valve abnormalities
Change Control Valve Maintenance

Improve Efficiency of Control Valve Maintenance Operations with Control Valve Management and Online Diagnostics

PLUG-IN Valstaff is a control valve maintenance support system. PLUG-IN Valstaff collects information on the operating status of control valves in the field and promotes efficient control valve maintenance by supporting decision-making.

Features

Contribute to reduce unplanned downtime
Early detect Control Valve poor condition by watching of the motion condition that could not monitor up to now.

Visualize valve motion behavior
Visualize a valve which is overwhelming different behavior compared to other valves, even though they are installed into the same plant.

Case example which could avoid unexpected Valve failure by our original CV diagnostic technologies
Detect sliding motion abnormality by polymer stuck on Stem packing

Dramatically reduce the man hours required with loop test by certain and fast commissioning.

- Conventional CV stroke test for 200 control valves
  Control room

- Valstaff CV stroke test for 200 control valves
  Field

7 Days

3-5 people required, 1 in the control room and 1 in the field.

2 Days

Concurrent testing of multiple control valves at once shortens the test time significantly.

More efficient response to control valve abnormalities
Quicker determination of the cause and easier adjustment and setup make recovery faster.

Assist in optimization of CV maintenance cost in shutdown maintenance
Contribute to prioritize CV which should be made overhaul by utilizing online diagnosis data which has been collected during operation.

- Control valve overhaul by Arbil
  Repair or parts replacement
  Maintenance only
  42%
  58%