Control Valve Maintenance Support System

PLUG-IN Valstaff

Change Control Valve Maintenance

1. Contribute to reduce unplanned downtime
2. Dramatically reduce the man hours required with loop test
3. Assist in optimization of CV maintenance cost in turnaround (T/A)

For inquiries regarding supported DCSs, please contact us.

* PRM must be R3.10 or later to install PLUG-IN Valstaff.

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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 Gland packing

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

- Conventional CV stroke test for 200 control valves
- Valstaff CV stroke test for 200 control valves

User can not only reduce the required man hours with CV stroke test, but also discover sliding motion abnormalities as follows of valve which were overlooked up to now.

- Overshoot
- Cannot reach to 100%
- Sinking down to the minus direction
- Cannot shut off completely
- Cannot get steady in minute hunting

Assist in optimization of CV maintenance cost in turnaround (T/A)
Contribute to prioritize CV which should be made overhaul, by utilizing online diagnosis data which has been collected during operation.

- Control valve overhauls by Azbil
- Repair or parts replacement
- Maintenance only

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<th>Repair or parts replacement</th>
<th>Control valve overhauls by Azbil</th>
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