## CVA Test Sites

# **rotork** Process Controls



### Ocotillo Power Plant, Tempe AZ, USA

Application:	Feed water heater, level control.
Control:	4-20 mA Control.
Valve:	Masoneilan, Type 37, 1 inch.
Previous actuator:	Masoneilan.
Contact:	Tom Woodford, 480-446-0153 thomas_woodford@apsc.com

#### Any other useful or interesting info?

Maintained level in Feed Water Heater during startup, running, large Megawatt swings and shutdown within 0.2 inch + or -. (Very good).



### **Tilbury Power Plant, Tilbury, UK**

Application:	Boiler; Fuel oil rail pressure control.
Control:	4-20 mA Control.
Valve:	Blakeborough, BV801, 1 inch.
Previous actuator:	Pneumatic with Siemens SIPART PS2 Electropneumatic Positioner.
Contact:	Paul Marson



Publication P191E Issue 10/08

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### Crystal Lake Water Treatment Plant, Crystal Lake IL, USA

Application:	Steam valve to the digenster.
Control:	4-20 mA Control.
Valve:	Three Way, Type 3 inch.
Previous actuator:	RPC LA-3300.
Contact:	Jim Huchel, 815-356-3700 jhuchel@crystallake.org

#### Any other useful or interesting info?

Plant had not used Rotork product until now. Potential for retrofits on some additional valves using IQT actuators.



### **Drax Power Plant, UK**

Application:	Steam inlet temperature regulator, boiler fuel oil pumphouse.
Control:	4-20 mA Control.
Valve:	Spirax Sarco, Globe, 1 inch.
Previous actuator:	Spirax PN5222 pneumatic with EP5 positioner.
Contact:	Cahill Roberts, 01757 612724 cahill.roberts@draxpower.com

#### Any other useful or interesting info?

The actuator was easily installed. The longest task was running the 110V power supply.







### Queen Lane Water Treatment Plant, Philidelphia PA, USA

Application:	Chemical dosing, lime.
Control:	4-20 mA.
Valve:	ITT, Pinch, 3 inch.
Previous actuator:	ITT Pneumatic.
Contact:	Rob Siegrist, 215-685-2123 robert.siegrist@phila.gov

**Customers reason for using this as a beta test:** Service is frequent (for WTP) operation. Valve wear is problem and want to know when to replace valve to save a very dirty clean-up.

### Brookhaven National Labs, Upton NY, USA

Application:	heating plant, low pressure steam line.
Control:	4-20 mA Control from 0-10V signal converter.
Valve:	Norriseal, Globe, 1 inch.
Previous actuator:	Norriseal spring Diaphram.
Contact:	Ron Beauman, 631-344-7418 beauman@bnl.gov

## **FOTORH** Process Controls

## CVA Test Sites



### Brayton Point - Dominion Energy, Somerset MA, USA

Application:	Demineralization, hot water blending valve.
Control:	4-20 mA Control.
Valve:	Warren Controls, Three Way, 2 inch.
Previous actuator:	Spring Diaphram.
Contact:	Mike Angellini, 508-646-5431

#### Any other useful or interesting info?

Customer is very pleased with performance. They don't even know the CVA is there. It does exactly what they want for positioning.



#### Scottsdale Water Treatment Plant, Scottsdale AZ, USA

Application:	Reverse osmosis, reject circulation flow line.
Previous actuator:	Limitorque L120.
Contact:	George DalMonte, 480-312-8710 gdalmonte@scottsdaleaz.go

#### Any other useful or interesting info?

Controls

Gears

**Fluid Systems** 

Would like to see more options like monitor relay output, AO output from the CVA, and Modbus support.



ISO 9001:2000



As part of a process of on-going product development, Rotork reserves the right to amend and change specifications without prior notice. Published data may be subject to change.

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