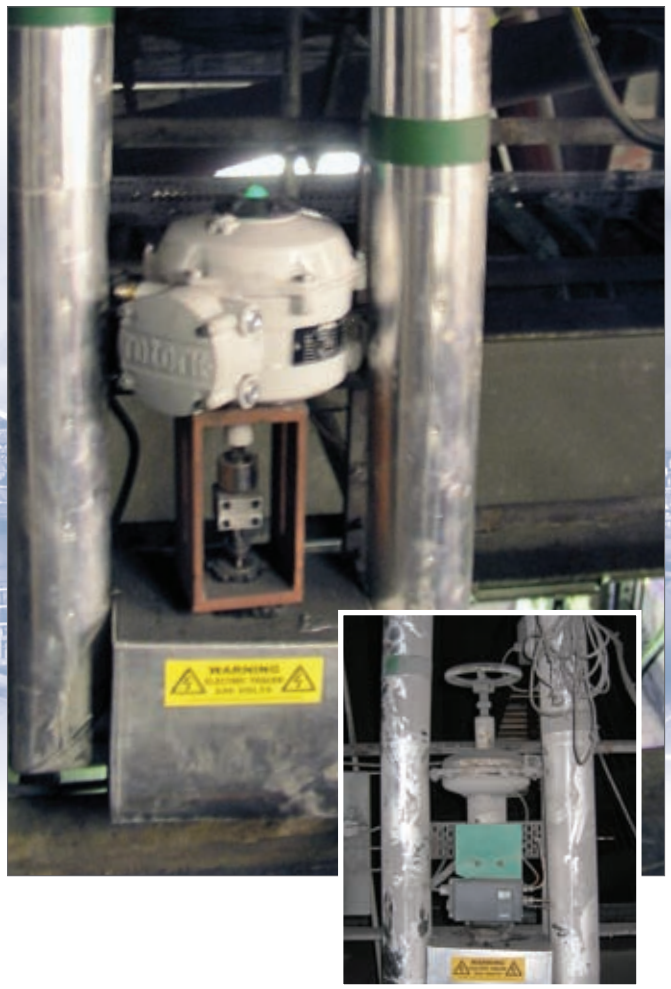
CVA Test Sites

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

Control Valve Actuator

Publication P191E
Issue 10/08

CVA Test Sites

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.

rotork®
Process Controls

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

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

rotork®
Process Controls

ISO 9001:2000
Rotork Process Controls, Milwaukee, USA

Rotork Controls Ltd, Bath, UK

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.

For the very latest version release, visit our website at www.rotork.com

UK head office
Rotork Controls Limited
tel Bath 01225 733200
fax 01225 333467
email mail@rotork.co.uk

USA head office
Rotork Process Controls
tel Milwaukee (414) 461 9200
fax (414) 461 1024
email rpcinfo@rotork.com

Controls
Electric Actuators and Control Systems

Fluid Systems
Fluid Power Actuators and Control Systems

Gears
Gearboxes and Gear Operators

Site Services
Projects, Services and Retrofit

A full listing of our worldwide sales and service network is available on our website at:

www.rotork.com

The name Rotork is a registered trademark.
Rotork recognises all registered trademarks.
Published and produced in the UK by
Rotork Controls Limited. POWTG1008