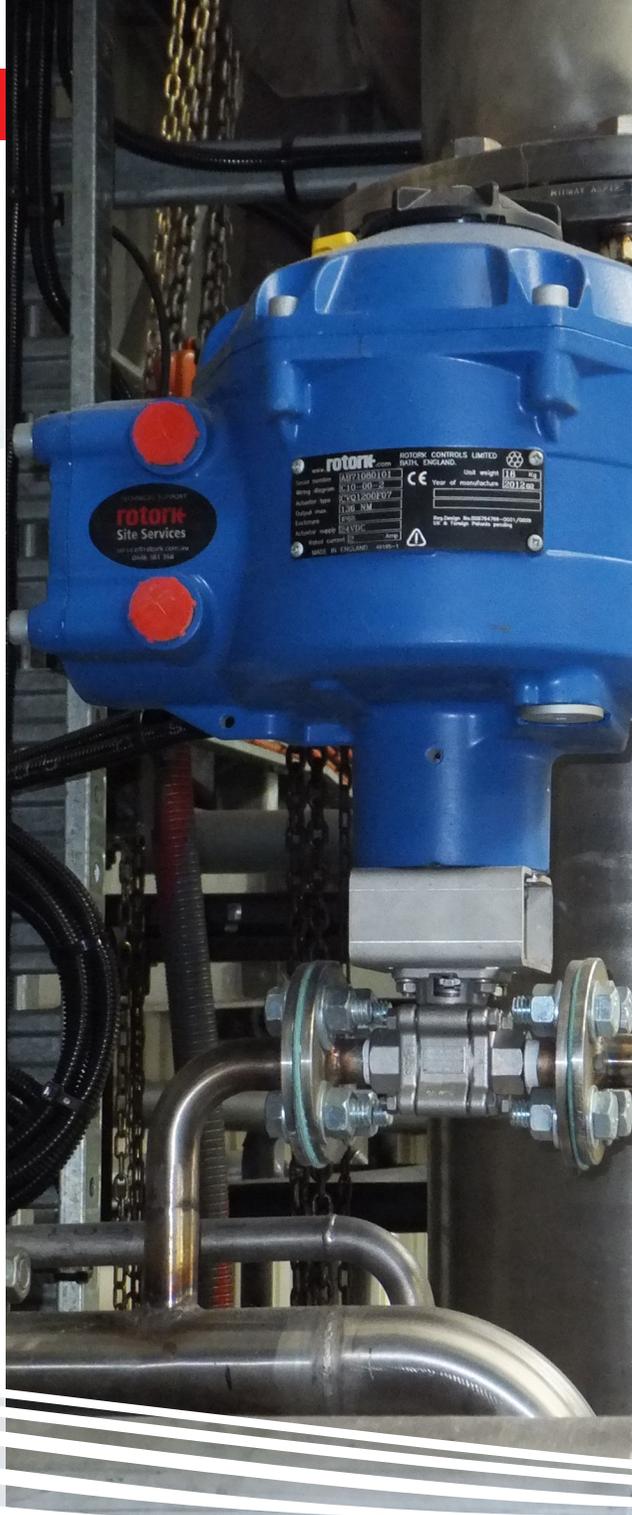


# Rotork provide precise control for Australian polymer manufacturer



**Industry:** Chemical - Polymers & Plastics

**Client:** Samos Polymers, Australia

**Product:** CVA

### Summary

Rotork CVA all-electric control valve actuation technology has improved the efficiency of the production process for an Australian polymer manufacturing company.

### Overview

Samos Polymers manufactures polyurethane systems, producing a range of cast elastomer prepolymers including spray polyurethane and polyureas, rigid and flexible foam systems, rubber binders and floor coatings.

### Challenge

Automation of the previously manually operated temperature control of water supplied to the condenser as part of the water/glycol separation process was required. The existing temperature variation of 1-2 °C resulted in an unacceptable level of wasted product; success would be judged on exceptionally accurate temperature control within +/-0.1 °C.

### Solution

Rotork installed all-electric control package, with a V-port ball valve operated by a CVA actuator. The CVA successfully and autonomously operated to maintain the water temperature within the required parameters, delivering a ten-fold improvement in performance.



### Customer Benefits

Product waste during manufacture was greatly reduced. The CVA provided the required precise and modulating valve operation, with repeatability and resolution performance within 0.1% of full scale.

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PUB000-300-00 Issue 10/21