



## Case Study

# Increased reliability and improved asset management at Irish Water plant

**Industry:** Potable Water Treatment

**Client:** Irish Water

**Product:** CK

### Summary

Irish Water has installed Rotork's intelligent CKc range of modular electric actuators at the Kilkit Water Treatment Plant in County Monaghan as part of a major modernisation programme.

### Overview

Irish Water is Ireland's national water utility company, providing and developing water provisions across the country.

### Challenge

Irish Water undertook a modernisation programme at a water treatment plant in County Monaghan, requiring the provision of reliable on/off control, position monitoring and data logging of operating history.

### Solution

The flow control solution chosen was the installation of CKc actuators; CKcs are CK actuators with the addition of a Centronik control module, which offers isolating duties. They were selected as they offered a fully compliant and cost-effective solution to meet the desired specification, which included a quick delivery schedule.



### Customer Benefits

Increased penstock protection was provided by independent torque and position sensing, continuous valve position indication (even during power loss) and a safe, motor-independent handwheel.

The upgrade project was anticipated to see a €4.5 million investment in the Kilkit Water Treatment Plant to benefit approximately 12,000 consumers in County Monaghan, with increased output of 5.5 million litres per day (MLD), ensuring that increasing water demands can be met.

# rotork®

Keeping the World Flowing  
for Future Generations

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

[www.rotork.com](http://www.rotork.com)



Rotork plc  
Brassmill Lane, Bath, UK  
tel +44 (0)1225 733200  
email [mail@rotork.com](mailto:mail@rotork.com)

PUB000-292-00 Issue 05/18