

SFC's Interlocks Withstand Temperatures of 1000°C

GL and QL interlocks compliant with API and ISO Standards

Photo: <http://halmapr.com/sfc/FireTestCert.jpg>

Smith Flow Control's [GL](#) and [QL](#) interlocks withstood temperatures of up to 1000°C in recent tests. Performed by [Score Group plc](#), the tests found the QL and GL to be compliant with the temperatures and conditions specified in API Standard 607 Sixth Edition – 2010 and ISO 10497:2010.

The interlocks were exposed to a 30 minute burn, with temperatures maintained above 750°C at all times. This verified that, in the event of a fire, the hardware will continue to function and the integrity of the locking mechanism will be maintained.

During the test the lock had one key inserted and one free; following cool-down, the lock remained secure on the valve. Only when the other key was inserted could the lock be moved to the open/closed position, as should happen.

The test and temperature was witnessed by [Lloyds Register](#).

About Smith Flow Control

[Smith Flow Control](#) is a British company specialising in mechanical valve control equipment. This includes procedural control using mechanical valve interlocks and valve management systems, EasiDrive portable valve actuators, FlexiDrive remote valve operators and TorkDrive torque limiting devices for the effective operation of valves. The company is a subsidiary of [Halma plc](#).

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