



ATEX - Habonim Statement

Note to Customers,

In our previous certification a Specific Conditions of Use was put on to the pneumatic actuators C15 – C100 series.

All springs return actuators models shall have a Namur breather block or alternative they shall be fitted with a solenoid valve that comprises a breather; the separately certified solenoid valve shall be fitted a port A and B shown on the manufacturer's drawings and instruction manual. When a solenoid valve is used in place of a breather, it shall replicate a breather in terms of preventing an internal potentially explosive atmosphere and shall meet the requirements listed in the conditions of use (ii), as listed.

This requirement has now been removed from the actuators as the test results show that the springs will not become an ignition hazard as they will work 375,000 cycles, each cycle of an actuator consists of 2 strokes of the spring, compress, and decompress, the spring total strokes will be 750,000.

Habonim can demonstrate via testing that springs in the actuators are good for at least 250,000 cycles (500,000 strokes) before replacing, giving a safety factory of 1.5 times the maximum operating cycles, this being considered as sound engineering practice.

Please see new CEMA certificates

Sincerely,

Habonim Quality department

