

Certificate

Issued by

METAL WORK S.p.A

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ITALY

Concerning the use of non-electrical equipment in potentially explosive atmosphere.

### **EQUIPMENT TO BE USED IN ZONE 1,2 e 21,22**

#### **MECHANICAL ACCESSORIES FOR CYLINDERS:**

LEGS: models A / AS / AC

FLANGE: model C

MALE HINGE: models BA / BAS

FEMALE HINGE: model B

COUNTER-HINGE: models BC / EN / EL / GL / GS

NUT FOR HEADS : model D

NUT FOR PISTON ROD: models DA / S

FORK: model GK-M

SPHERICAL JOINT: model GA-M

ARTICULATED JOINT model GA-K

FLEXIBLE COLLAR: model GA

PISTON ROD LOCK

OTHER EVENTUAL MODELS ASSIMILABLE TO THE PREVIOUS.

#### **PNEUMATIC ACCESSORIES**

FLOW REGULATORS: models RFL-R / MRF-N / MRF-O / RFL

CHECK VALVE: models VNR-L / VNR

STOP VALVES: model STP

PRESSURE GAUGE: models MAN-L

CIRCUIT SELECTOR VALVE: models VOR

PNEUMATIC LOGIC

QUICK COUPLINGS: models IAC / ICS

FITTINGS: series R / A / B / C / D

OTHER EVENTUAL MODELS ASSIMILABLE TO THE PREVIOUS

### **EQUIPMENT TO BE USED IN ZONE 1,2**

FLOW MICRO-REGULATORS: models RML / RMS / RMC / RMV

QUICK EXHAUST VALVES: models VSR-L / VSR

SHUTOFF VALVES: models V2VL / V3VL

SLIDE VALVES: model VCS

PRESSURE INDICATOR: model LAM L

DISTRIBUTION FRAMES AND ROTARY JOINTS

OTHER EVENTUAL MODELS ASSIMILABLE TO THE PREVIOUS

The above-mentioned products do not fall within the scope of Directive 94/9/CE.

AN explosion hazard analysis has demonstrated that the devices do not have any internal potential ignition source.

Provided that the instructions in the relevant product documentation are observed, the products may be used in the zones previously indicated.


The basis for this certificate is an explosion hazard analysis of representative test samples of the above mentioned product families.

Permissible technical data listed in the catalogue for the specified devices, as well as the following instructions, must be adhered to:

- The devices may only be operated with compressed air.
- All metal parts must be connected to equipotential bonding in order to prevent electrostatic charging and potential differences resulting from transient electrical current.
- Compressed air must not be exhausted into dusty, potentially explosive atmospheres. Exhaust air must be vented via tubing lines out of the explosive dust atmosphere.

Concesio, DECEMBER 2004

Engineer's manager



Ing. Giorgio Guzzoni.