

FIRE SAFE CERTIFICATION STATEMENT OF CONFORMITY

The present document attests that GWC Italia S.p.A fire safe certificates, issued by recognized third party according to API 607 ISO 10497 / API 6FA, shall be extended to qualify other valve sas follows:

1. Metal seated valves are qualified by certified soft seated valves since seat to ball metal sealing it's intrinsically fire safe.
2. All valves design (any size & class) with stem extension are qualified by certified valves without stem extension, since stem seals have same design
3. All valves design (any size & class) with thermoplastic lip seals are qualified by certified valves with elastomeric seals (o-ring), since lip seals rhermoplastic materials have better high temperature performances than elastomers (o-ring) (see Appendix 1)
4. Primary metal seated valves with a secondary elastomeric seat to ball seal (o-ring / delta-ring) are to be considered equivalent to metal seated valves since the primary seal is metal to metal.
5. Soft seated valves with nylon seat inserts qualify other thermoplastic insert materials since nylon have worse high temperature performances than other thermoplastic seat inserts. (see Appendix 1)
6. All valves (any size & class) with HNBR seals qualify other elastomeric seal materials since HNBR have worse high temperature performances than other elastomeric seal materials (see Appendix 1).
7. Tested valves qualify other valves according to Appendix 2 and Appendix 3.

Trezzo sull'Adda, 6 July 2015

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Third Party Surveyor

ITALY

WITNESSED NOTED REVIEWED

SURVEYOR PAOLO GUARACCI

DATE 6/6/15

