DIN EN ISO 28721-4:2016-03 (E)

Vitreous and porcelain enamels - Glass-lined apparatus for pro cess plants - Part 4: Quality requirements for glass-lined flanged steel pipes and flanged steel fittings (ISO 28721-4:2015)

Contents

Page

European foreword ... **3**

Foreword ... **4**

1 Scope ... **5**

2 Normative references ... **5**

3 Terms and definitions ... **6**

4 Materials for steel parts ... **6**

5 Information to be supplied by the purchaser ... **6**

6 Requirements ... **6**

6.1 Requirements for the steel parts ... 6

6.1.1 Welding ... 6

6.1.2 Material properties ... 6

6.1.3 Surface characteristics ... 7

6.1.4 Exterior protection ... 7

6.2 Requirements for the glass-lined components ... 7

6.2.1 Surfaces ... 7

6.2.2 Enamel defects ... 7

6.2.3 Foreign matter in the enamel ... 7

6.2.4 Enamel coating thickness ... 8

6.2.5 Dimensions and tolerances ... 8

6.2.6 Other requirements ... 8

7 Tests and certificates ... **8**

7.1 General ... 8

7.2 Place of testing ... 8

7.3 Testing of the substrate ... 8

7.4 Testing of the glass-lined components ... 8

8 Marking ... **9**