

DIN EN ISO 28721-4:2013-03 (E)

Vitreous and porcelain enamels - Glass-lined apparatus for process plants - Part 4: Quality requirements for glass-lined flanged steel pipes and flanged steel fittings (ISO 28721-4:2010)

Contents		Page
Foreword		3
1	Scope	4
2	Normative references	4
3	Terms and definitions	5
4	Materials for steel parts	5
5	Information to be supplied by the purchaser	5
6	Requirements	5
6.1	Requirements for the steel parts	5
6.1.1	Welding	5
6.1.2	Material properties	6
6.1.3	Surface characteristics	6
6.1.4	Exterior protection	6
6.2	Requirements for the glass-lined components	6
6.2.1	Surfaces	6
6.2.2	Enamel defects	6
6.2.3	Foreign matter in the enamel	7
6.2.4	Enamel coating thickness	7
6.2.5	Dimensions and tolerances	7
6.2.6	Other requirements	7
7	Tests and certificates	7
7.1	General	7
7.2	Place of testing	7
7.3	Testing of the substrate	7
7.4	Testing of the glass-lined components	7
8	Marking	8