

DIN EN ISO 28765:2011-06 (E)

Vitreous and porcelain enamels - Design of bolted steel tanks for the storage or treatment of water or municipal or industrial effluents and sludges (ISO 28765:2008)

Contents		Page
Foreword		3
1	Scope	4
2	Normative references	5
3	Terms and definitions	6
4	Symbols and abbreviated terms	8
5	Units	9
6	Information and requirements to be agreed and documented	9
6.1	General	9
6.2	Information to be provided by the purchaser	9
6.3	Information to be provided by the designer	10
7	Applicable standards	10
8	Loads	11
8.1	General	11
8.2	Contents	11
8.3	Tank structure	12
8.4	Roof	12
8.5	Equipment loads	13
8.6	Access	13
8.7	Environmental	13
8.8	Ancillary items	14
9	Design	14
9.1	General	14
9.2	Steel	14
9.3	Tank	15
9.4	Openings	20
9.5	Effects of accidents	21
10	Vitreous-enamel coating	22
10.1	Vitreous enamel	22
10.2	Coating	22
10.3	Vitreous-enamel quality	22
10.4	Protection during shipping	28
10.5	Maintenance	28
11	Installation	28
11.1	General guidance	28
11.2	Foundations	28
11.3	Inspection of the vitreous-enamel coating at the construction site	28
12	Disinfection	28
Bibliography		29