

ISO 11177:2019 (E)

Vitreous and porcelain enamels — Inside and outside enamelled valves and pressure pipe fittings for untreated and potable water supply — Quality requirements and testing

Contents

	Foreword
	Introduction
1	Scope
2	Normative references
3	Terms and definitions
4	Sampling
5	Quality requirements and testing procedures
5.1	Enamelling surface quality
5.2	Coat thickness
5.3	Hardness
5.4	Resistance to thermal shock
5.5	Corrosion resistance to water and steam
5.6	Corrosion resistance to citric acid
5.7	Corrosion and chemical resistance to acid soil
5.8	Corrosion and chemical resistance to sub-surface migration of enamel after impact test
5.9	Corrosion resistance after scratch damage
5.10	Corrosion resistance after abrasion damage
5.11	Resistance to climatic exposure and ultraviolet radiation
5.12	Physiological harmlessness
6	Test report

Page count: 5