

DIN EN 17393:2020-09 (E)

Thermal spraying - Tubular coating tensile test

Contents	Page
European foreword.....	3
Introduction	4
1 Scope.....	5
2 Normative references.....	5
3 Terms and definitions	5
4 Testing equipment.....	6
5 Specimens	7
5.1 Shape of base samples.....	7
5.2 Preparation of the specimen to be sprayed.....	7
5.3 Specimen to be sprayed, preparation and coating.....	8
5.4 Determination of outer diameter.....	8
5.5 Number of specimens to be tested.....	8
6 Test procedure.....	8
7 Possible sources of fault during procedure.....	9
8 Evaluation	9
9 Test report.....	10
Annex A (informative) Test report for the tubular coating tensile (TCT) test according to EN 17393	11
A.1 General.....	11
A.2 TCT specimen	11
A.3 Surface preparation for spraying.....	11
A.4 Spraying procedure for TCT specimens — Component	11
A.5 Preparation of specimens for the tubular coating tensile (TCT) test	12
A.6 Testing of TCT specimens.....	12
A.7 Test results.....	13
Bibliography.....	14