

DIN EN 10300:2006-02 (E)

Steel tubes and fittings for onshore and offshore pipelines - Bituminous hot applied materials for external coating

Contents		Page
Foreword		3
1	Scope	4
2	Normative references	4
3	Terms and definitions	5
4	Composition of the coating	6
5	Method of application	11
6	Inspection and testing	14
7	Repairs	15
8	Marking	15
9	Handling, transport and storage	16
Annex A (normative) Preparation of steel surfaces for the tests given in Annexes D, E, F and G		17
Annex B (normative) Priming of steel surfaces for the tests given in Annexes D, E, F and G		18
Annex C (normative) Application of coating material for the tests given in Annexes D, E, F and G ...		19
Annex D (normative) Sag test		20
Annex E (normative) Impact test		21
Annex F (normative) Peel test		23
Annex G (normative) Bend test		26
Annex H (normative) Determination of volatile matter -- Percent loss of mass		27
Annex I (normative) Cathodic disbonding test		28
Annex J (informative) Guidelines for the use of coating materials		32
Annex K (normative) Determination of filler content by ignition		35
Annex L (normative) Determination of density at 25 °C		36
Annex M (normative) Determination of mass per area and loss of mass on ignition		38
Annex N (normative) Glass fabric -- Tensile strength		40
Annex O (normative) Determination of porosity		42
Annex P (normative) Use of hot applied bitumen tapes for coating steel components		43

Annex Q (informative) Recommended minimum quality control requirements for bituminous enamel pipeline coatings	45
Annex R (normative) Holiday detection test	46
Annex S (normative) Field bond test	47
Annex T (normative) Inspection of coating thickness	49
Annex U (informative) Information to be supplied at the time of ordering	50
Bibliography	51