

ISO 15546:2007-05 (E)

Petroleum and natural gas industries - Aluminium alloy drill pipe

Contents		Page
Foreword		iv
Introduction		v
1	Scope	1
2	Normative references	1
3	Terms, definitions and symbols	2
3.1	Terms and definitions	2
3.2	Symbols	3
4	Information to be supplied by purchaser	4
5	Process of manufacture and delivery condition	5
5.1	General	5
5.2	Heat treatment	5
5.3	Traceability	5
5.4	Delivery condition	5
6	Material requirements	5
6.1	Material groups	5
6.2	Metallographic examination	6
6.3	Chemical composition	6
6.4	Steel tool joints	6
7	Configuration and dimensions of pipes	7
7.1	Configuration	7
7.2	Length	7
7.3	Dimensions of pipes and tool joints	9
7.4	Design mass	15
7.5	Upset run-out	19
7.6	Straightness	19
7.7	Ovality and eccentricity of pipes	19
7.8	Drift requirements	20
7.9	Internal coating	20
7.10	Drill pipe-tool joint assembly	20
8	Test methods	21
9	Measuring methods	22
10	Inspection	22
11	Marking	23
12	Packaging, transport and storage	23
13	Documents	24
13.1	Certification	24
13.2	Retention of records	24

14	Delivery conditions	24
	Annex A (normative) Purchaser inspection	25
	Annex B (normative) Supplementary requirement -- Full scale fatigue design verification test	26
	Annex C (normative) Corrosion test	28
	Bibliography	29