ISO 15590-3:2004-11 (E)

Petroleum and natural gas industries - Induction bends, fittings and flanges for pipeline transportation systems - Part 3: Flanges

Contents

Page

Foreword iv

Introduction v

1 Scope 1

2 Normative references 1

3 Terms and definitions 3

4 Symbols and abbreviated terms 4

5 Designation of flanges 4

6 Pressure class and design 5

7 Information to be supplied by the purchaser 5
7.1 Principal information 5
7.2 Supplementary information 6

8 Manufacturing 6
8.1 Manufacturing procedure specification 6
8.2 Starting material 6
8.3 Hubs 6
8.4 Heat treatment 7

9 Testing and inspection 7
9.1 General requirements 7
9.2 Extent of testing and inspection 7
9.3 Chemical composition 8
9.4 Physical testing 8
9.5 NDT 12
9.6 Dimensions 13
9.7 Hydrostatic testing 14
9.8 Weldability 14
9.9 Repair welding 15

10 Documentation 15
10.1 Inspection document 15
10.2 Manufacturing record book 15

11 Marking 15

Bibliography 17