

ISO 17078-4:2010-04 (E)

Petroleum and natural gas industries - Drilling and production equipment - Part 4: Practices for side-pocket mandrels and related equipment

Contents		Page
Foreword		iv
Introduction		v
1	Scope	1
2	Normative references	1
3	Terms and definitions	2
4	Abbreviations and symbols	5
4.1	Abbreviations	5
4.2	Symbols	5
5	Guidelines for application of side-pocket mandrels and related equipment	6
5.1	General	6
5.2	Interface compatibility issues	6
5.3	Test facility for flow-control-device performance testing	6
5.4	Set-up and calibration of flow-control devices	6
5.5	Pre-installation and post-removal inspection, testing, and maintenance	6
5.6	Reconditioning side-pocket mandrels and related products	6
5.7	Reconditioning shops and shop personnel	6
5.8	User/purchaser functional specification templates	7
5.9	Supplier/manufacturer product data sheets	7
	Annex A (informative) Interface compatibility issues	8
	Annex B (informative) Test facilities for flow-control device performance testing	9
	Annex C (informative) Set-up and calibration of flow-control devices	16
	Annex D (informative) Pre-installation and post-removal inspection and testing	19
	Annex E (informative) Reconditioning side-pocket mandrels and related equipment	22
	Annex F (informative) Reconditioning shops and shop personnel	28
	Annex G (informative) User/purchaser functional templates for side-pocket mandrels and related equipment	32
	Annex H (informative) Supplier/manufacturer product data sheet templates for side-pocket mandrels and related equipment	41
	Bibliography	47