

# ISO 13354:2014-05 (E)

## Petroleum and natural gas industries - Drilling and production equipment - Shallow gas diverter equipment

---

<b>Contents</b>		<b>Page</b>
Foreword .....		iv
Introduction .....		v
1	Scope .....	1
2	Normative references .....	1
3	Terms and definitions .....	1
4	Diverter system equipment .....	7
4.1	General purpose .....	7
4.2	Findings of blowout reports .....	7
4.3	Applications of diverter systems .....	8
4.4	Layout considerations -- Land rigs and bottom-supported marine structures .....	8
4.5	Layout considerations -- Floating rigs .....	18
5	Floating rigs--Specific aspects .....	26
5.1	Use of the marine riser .....	26
5.2	Additional functions of the diverter system .....	28
5.3	Comparison of types of floating support .....	28
6	Preparation for shallow gas operations .....	31
6.1	Call for tender .....	31
6.2	Important issues .....	31
6.3	Pre-spud checks .....	32
6.4	Pre-spud meetings .....	34
6.5	Pre-spud drills .....	35
6.6	Preparing the response to a shallow-gas flow .....	36
7	Diverter system inspection and maintenance .....	39
7.1	General .....	39
7.2	Maintenance .....	39
7.3	Inspection and testing .....	39
7.4	Diverter system piping .....	39
7.5	Manufacturer documentation .....	40
Bibliography .....		41