
**Petroleum and natural gas
industries — Drilling and production
equipment — Shallow gas diverter
equipment**

*Industries du pétrole et du gaz naturel — Équipements de forage et
de production — Équipement déflecteur pour gaz de surface*





COPYRIGHT PROTECTED DOCUMENT

© ISO 2014

All rights reserved. Unless otherwise specified, no part of this publication may be reproduced or utilized otherwise in any form or by any means, electronic or mechanical, including photocopying, or posting on the internet or an intranet, without prior written permission. Permission can be requested from either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office
Case postale 56 • CH-1211 Geneva 20
Tel. + 41 22 749 01 11
Fax + 41 22 749 09 47
E-mail copyright@iso.org
Web www.iso.org

Published in Switzerland

Contents

Page

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