

DIN EN ISO 15156-3:2005-07 (E)

Petroleum, petrochemical and natural gas industries - Materials for use in H₂S-containing environments in oil and gas production - Part 3: Cracking-resistant CRAs (corrosion-resistant alloys) and other alloys (ISO 15156-3:2003); English version EN ISO 15156-3:2003

| Inhalt | Seite |
|---|--------------|
| Foreword | 3 |
| Introduction | 4 |
| 1 Scope | 5 |
| 2 Normative references | 6 |
| 3 Terms and definitions | 7 |
| 4 Symbols and abbreviated terms | 8 |
| 5 Factors affecting the cracking resistance of CRAs and other alloys in H₂S-containing environments | 9 |
| 6 Qualification and selection of CRAs and other alloys with respect to SSC, SCC and GHSC in H₂S-containing environments | 9 |
| 7 Purchasing information and marking | 12 |
| Annex A (normative) Environmental cracking-resistant CRAs and other alloys | 13 |
| Annex B (normative) Qualification of CRAs for H₂S-service by laboratory testing | 50 |
| Annex C (informative) Information to be supplied for material purchasing | 60 |
| Annex D (informative) Materials chemical compositions and other information | 62 |
| Annex E (informative) Nominated sets of test conditions | 74 |
| Bibliography | 75 |