

ISO 19921:2005-10 (E)

Ships and marine technology - Fire resistance of metallic pipe components with resilient and elastomeric seals - Test methods

| Contents | | Page |
|-----------------------|---------------------------------------------------------------------------------------------|-------------|
| Foreword | | iv |
| Introduction | | v |
| 1 | Scope | 1 |
| 2 | Normative references | 1 |
| 3 | Designation | 1 |
| 4 | Test pieces and preparation | 2 |
| 5 | Number of test pieces | 2 |
| 6 | Test bench | 2 |
| 7 | Test performance | 2 |
| 7.1 | Installation of test pieces | 2 |
| 7.2 | Preparation | 3 |
| 7.3 | Measured values and measuring points | 3 |
| 7.4 | Commencement of test | 4 |
| 7.5 | Test temperatures | 4 |
| 7.6 | Test pressures | 4 |
| 7.7 | Test duration | 4 |
| 7.8 | Heat flux | 4 |
| 8 | Assessment | 4 |
| 9 | Test certificate | 5 |
| Annex A (normative) | Test certificate | 6 |
| Annex B (informative) | Evidence of suitability of other pipeline components via representative nominal bores | 7 |
| Annex C (informative) | Pipeline components that can be fire-test qualified using this International Standard | 8 |
| Bibliography | | 9 |