

ISO 20902-2:2023-01 (E)

Fire test procedures for divisional elements that are typically used in oil, gas and petrochemical industries - Part 2: Additional procedures for pipe penetration and cable transit sealing systems

Contents	Page
Foreword	iv
Introduction	v
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 Principle	3
5 Test equipment	3
6 Test conditions	3
6.1 Preconditioning.....	3
6.2 General.....	3
7 Instrumentation	4
7.1 General.....	4
7.2 Roving thermocouple.....	4
7.3 Integrity measurements.....	4
7.4 Infrared camera.....	4
8 Test requirements	5
8.1 General.....	5
8.2 Minimum number of test specimens.....	5
8.3 Size and spacing of specimens.....	6
8.4 Pipe and cable restraint.....	6
8.5 Blank penetration seal.....	6
9 Pipe penetration system design and construction aspects	6
9.1 General.....	6
9.2 Instrumentation.....	7
10 Cable transit design and construction aspects	9
10.1 General.....	9
10.2 Instrumentation.....	9
11 Reporting	11
Annex A (informative) Cable types	13
Annex B (informative) Guidance on application of test results and classification	15
Bibliography	18