ISO 5872:2025-08 (E)

Oil and gas industries including lower carbon energy - Pipeline transportation systems - Vocabulary

Contents

Page

Foreword iv

Introduction v

1 Scope 1

2 Normative references 1

3 Terms related to general concepts 1

4 Terms related to materials and equipment 3
4.1 Pipe materials 3
4.2 Equipment 5

5 Terms related to design, construction and testing 9
5.1 Design of pipeline system 9
5.2 Pipeline installation 12
5.3 Welding and Non-destructive testing 14
5.4 Pre-commissioning and commissioning 17

6 Terms related to operation and maintenance 18
6.1 Operation of pipeline and station 18
6.2 Pipeline maintenance 20
6.3 Repair and emergency response 24
6.4 Life extension and abandonment 25

7 Terms related to corrosion control 26
7.1 General 26
7.2 Coating 27
7.3 Cathodic protection 29
7.4 Stray current 32

Bibliography 34