

ISO 16674:2025-06 (E)

Corrosion control engineering life cycle of power transmission and transformation systems - General requirements

Contents

Page

Foreword..... iv

1 Scope..... 1

2 Normative references..... 1

3 Terms and definitions..... 1

4 General principles..... 2

5 Objective..... 2

6 Corrosion source..... 2

7 Materials..... 3

8 Technology..... 5

9 Design..... 6

10 Development..... 8

11 Manufacturing..... 9

12 Transportation and storage..... 9

13 Construction and installation..... 9

14 Commissioning and acceptance..... 10

15 Testing and inspection..... 11

16 Operation..... 11

17 Maintenance and repair..... 12

18 Life extension and scrap..... 13

19 Documents and records..... 14

20 Resource management..... 14

21 Comprehensive assessment..... 14

Annex A (informative) Example of a transmission and transformation systems..... 15

Annex B (informative) Example of a corrosion control engineering life cycle of power transmission and transformation systems..... 16

Bibliography..... 17