ISO/TS 81346-10:2015-02 (E)

Industrial systems, installations and equipment and industrial products - Structuring principles and reference designation - Part 10: Power plants

Contents

Page

Foreword iv

Introduction vi

1 Scope 1

2 Normative references 1

3 Termsanddefinitions 2

4 Designation systematic 5
4.1 General 5
4.2 Process of forming designations 5
4.3 General rules for designation structure 6
4.4 Rules for forming designations 7

5 Designation tasks 8
5.1 General 8
5.2 Conjoint designation 8
5.3 Designation of technical objects -- Reference designation 9
5.3.1 General 9
5.3.2 Function aspect 9
5.3.3 Product aspect 10
5.3.4 Transition from function aspect to product aspect 10
5.3.5 Location aspect 11
5.4 Specific designations 11
5.4.1 Signal designation 11
5.4.2 Terminal designation 11
5.4.3 Document designation 12

6 Structure and contents of designation blocks 12
6.1 General 12
6.2 Designation block "Conjoint designation" 12
6.3 Function aspect 12
6.3.1 Designation block "Function" 12
6.3.2 Designation block "Function allocation" 13
6.4 Product aspect -- Designation block "Product" 14
6.5 Transition from function aspect to product aspect 15
6.6 Location aspect 19
6.6.1 Designation block "Point of installation" 19
6.6.2 Designation block "Location" 21
6.7 Specific designations 22
6.7.1 Signal designation 22
6.7.2 Terminal designation 25
6.7.3 Document designation 26

7 Application of designation 26
7.1 Combination of designation blocks 26
7.2 Designation notation 27
7.2.1 General 27
7.2.2 Notation in technical documents 27

7.2.3 Notation in the plant 28

Annex A (normative) Representation of designations 29

Annex B (normative) Special stipulations 31

Annex C (informative) Stipulations between parties to the project 35

Annex D (informative) Application examples 36

Bibliography 44