

ISO 704:2022-07 (E)

Terminology work - Principles and methods

Contents	Page
Foreword	v
Introduction	vi
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 Reality and language	2
5 Concepts	3
5.1 Overview	3
5.2 General concepts	3
5.3 Individual concepts	4
5.4 Characteristics	4
5.4.1 General	4
5.4.2 Terminological analysis	5
5.4.3 Intension and extension	7
5.4.4 Essential characteristics and non-essential characteristics	7
5.4.5 Shared characteristics and delimiting characteristics	7
5.5 Concept relations	8
5.5.1 General	8
5.5.2 Types	8
5.5.3 Notations	8
5.5.4 Hierarchical relations	9
5.5.5 Associative relations	23
5.6 Concept systems	25
5.6.1 General	25
5.6.2 Development and visualization	25
5.6.3 Types	26
6 Definitions	33
6.1 General	33
6.2 Intensional definitions	33
6.3 Extensional definitions	34
6.4 Writing definitions	34
6.4.1 General	34
6.4.2 Nature of intensional definitions	34
6.4.3 Writing intensional definitions	35
6.4.4 Applying the substitution principle	39
6.4.5 Writing extensional definitions	39
6.4.6 Indicating a domain or subject	41
6.5 Deficient definitions	41
6.5.1 General	41
6.5.2 Circular definitions	42
6.5.3 Inaccurate definitions	43
6.5.4 Negative definitions	44
6.6 Information supplementing or replacing definitions	45
6.6.1 General	45
6.6.2 Contexts	45

6.6.3	Encyclopaedic descriptions	46
6.6.4	Explanations	46
6.6.5	Notes	47
6.6.6	Examples	47
6.6.7	Other descriptions	47
6.7	Indicating sources	48
7	Designations	48
7.1	General	48
7.2	Types	48
7.3	Terms	49
7.3.1	General	49
7.3.2	Types of terms	49
7.3.3	Types of appellations	49
7.3.4	Nomenclatures	50
7.4	Proper names	50
7.4.1	General	50
7.4.2	Types	51
7.5	Symbols	51
7.6	Formation of terms (including appellations) and proper names	53
7.6.1	General	53
7.6.2	Principles	54
7.7	Relations between designations and concepts	57
7.7.1	Mononymy and monosemy	57
7.7.2	Synonymy	57
7.7.3	Equivalence	57
7.7.4	Antonymy	58
7.7.5	Polysemy and homonymy	58
7.7.6	Harmonization	58
7.7.7	Acceptability rating	58
Annex A (informative)	Other types of definitions	60
Annex B (informative)	Examples of term formation methods	65
Annex C (informative)	Appellations and proper names	70
Bibliography		77