

ISO 28598-1:2017-10 (E)

Acceptance sampling procedures based on the allocation of priorities principle (APP) - Part 1: Guidelines for the APP approach

Contents		Page
Foreword		v
Introduction		vii
1	Scope	1
2	Normative references	1
3	Terms, definitions, symbols and abbreviated terms	2
3.1	Terms and definitions	2
3.2	Symbols and abbreviated terms	3
4	General overview of quality	4
4.1	Quality measures	4
4.2	Role of information on quality assurance	4
5	Selection of a sampling system	4
5.1	Relations between sampling systems	4
5.2	Continuing series of lots	5
5.3	Separate lots	5
6	Requirements for the quality of lots and relationships between the parties	6
6.1	Lot quality requirements	6
6.1.1	The form of lot quality requirements	6
6.1.2	Satisfactory and unsatisfactory lots	6
6.1.3	Objectives	6
6.2	Relationships of the parties concerning lot quality	6
6.3	Preventative measures	6
7	Objective of the inspection conducted by supplier, customer and third party	7
7.1	General	7
7.2	Objective of the inspection conducted by the supplier	7
7.3	Objective of the inspection conducted by the customer	7
7.4	Objective of the inspection conducted by a third party	7
8	Requirements of the system of sampling inspection conducted by supplier, customer or third party	8
8.1	Common system requirements	8
8.2	Reproducibility of decisions made by sampling inspection results	8
8.3	System flexibility and the possibility to accommodate individual capabilities and interests of the inspecting parties	8
8.4	Cost efficiency of inspection	8
8.5	Types of information used when organizing inspection and in decision making	9
9	Prior information	9
9.1	Types of prior information	9
9.2	APP approach for considering prior information	9
9.3	Economic aspects of prior information	9
10	Choosing sampling plans and schemes	10
10.1	General	10

10.2	Characteristics of sampling plans and schemes	10
10.3	Rights of the parties in choosing sampling plans and schemes	10
10.4	Permissible sampling plans and schemes	10
10.4.1	General	10
10.4.2	Constraints of type I	10
10.4.3	Constraints of type II	11
10.5	Setting the constraints for risks and confidence levels	11
10.5.1	Constraints of type I	11
10.5.2	Constraints of type II	12
10.6	Decision-making rules	12
10.6.1	Decision-making with respect to supplier and customer inspection	12
10.6.2	Constraints of type I	13
10.6.3	Constraints of type II	13
11	Re-submission of previously non-accepted lots on supplier inspection	13
	Annex A (informative) Allocation of priorities principle	15
	Annex B (informative) Recommendations for setting customer's risks on supplier inspection	20
	Bibliography	26