

ISO 2859-1: 1999-11(E)

Sampling procedures for inspection by attributes_ - Part_1: Sampling schemes indexed by acceptance quality limit (AQL) for lot-by-lot inspection

Contents

- 1 Scope 1
- 2 Normative references 2
- 3 Terms, definitions and symbols 2
- 4 Expression of nonconformity 7
- 5 Acceptance quality limit (AQL) 8
- 6 Submission of product for sampling 8
- 7 Acceptance and non-acceptance 9
- 8 Drawing of samples 9
- 9 Normal, tightened and reduced inspection 10
- 10 Sampling plans 13
- 11 Determination of acceptability 14
- 12 Further information 14
- 13 Fractional acceptance number plans for single sampling (optional) 16

Tables

- 1 Sample size code letters 19
- 2-A Single sampling plans for normal inspection (Master table) 20
- 2-B Single sampling plans for tightened inspection (Master table) 21
- 2-C Single sampling plans for reduced inspection (Master table) 22
- 3-A Double sampling plans for normal inspection (Master table) 23
- 3-B Double sampling plans for tightened inspection (Master table) 24
- 3-C Double sampling plans for reduced inspection (Master table) 25
- 4-A Multiple sampling plans for normal inspection (Master table) 26
- 4-B Multiple sampling plans for tightened inspection (Master table) 29

| | |
|--|-----------|
| 4-C Multiple sampling plans for reduced inspection (Master table)..... | 32 |
| 5-A Producer's risk for normal inspection | 35 |
| 5-B Producer's risk for tightened inspection..... | 36 |
| 5-C Producer's risk for reduced inspection | 37 |
| 6-A Consumer's risk quality for normal inspection | 38 |
| 6-B Consumer's risk quality for tightened inspection | 39 |
| 6-C Consumer's risk quality for reduced inspection | 40 |
| 7-A Consumer's risk quality for normal inspection | 41 |
| 7-B Consumer's risk quality for tightened inspection | 42 |
| 7-C Consumer's risk quality for reduced inspection | 43 |
| 8-A Average outgoing quality limits for normal inspection (Single sampling plans)..... | 44 |
| 8-B Average outgoing quality limits for tightened inspection (Single sampling plans) | 45 |
| 9 Average sample size curves for single, double and multiple sampling (normal, tightened and reduced inspection)..... | 46 |
| 10-A Tables for sample size code letter A (Individual plans)..... | 48 |
| 10-B Tables for sample size code letter B (Individual plans)..... | 50 |
| 10-C Tables for sample size code letter C (Individual plans)..... | 52 |
| 10-D Tables for sample size code letter D (Individual plans)..... | 54 |
| 10-E Tables for sample size code letter E (Individual plans) | 56 |
| 10-F Tables for sample size code letter F (Individual plans)..... | 58 |
| 10-G Tables for sample size code letter G (Individual plans)..... | 60 |
| 10-H Tables for sample size code letter H (Individual plans)..... | 62 |
| 10-J Tables for sample size code letter J (Individual plans)..... | 64 |
| 10-K Tables for sample size code letter K (Individual plans)..... | 66 |
| 10-L Tables for sample size code letter L (Individual plans)..... | 68 |
| 10-M Tables for sample size code letter M (Individual plans)..... | 70 |
| 10-N Tables for sample size code letter N (Individual plans)..... | 72 |
| 10-P Tables for sample size code letter P (Individual plans) | 74 |
| 10-Q Tables for sample size code letter Q (Individual plans)..... | 76 |
| 10-R Tables for sample size code letter R (Individual plans)..... | 78 |
| 10-S Tables for sample size code letter S (Individual plans) | 80 |

11-A Single sampling plans for normal inspection (Auxiliary master table) 81
11-B Single sampling plans for tightened inspection (Auxiliary master table)..... 82
11-C Single sampling plans for reduced inspection (Auxiliary master table) 83
12 Scheme OC curves (Normalized) 84
Annex A (informative) Example for non-constant sampling plan 85
Bibliography 87