

ISO 23907-2:2019-11 (E)

Sharps injury protection - Requirements and test methods - Part 2 : Reusable sharps containers

| Contents | | Page |
|--------------------|--|-------------|
| Foreword | | iv |
| Introduction | | v |
| 1 | Scope | 1 |
| 2 | Normative references | 1 |
| 3 | Terms and definitions | 1 |
| 4 | Requirements and recommendations | 4 |
| 4.1 | General | 4 |
| 4.2 | Design and construction | 4 |
| 4.2.1 | General | 4 |
| 4.2.2 | Container stability | 4 |
| 4.2.3 | Strength of handles | 4 |
| 4.2.4 | Aperture and closure | 4 |
| 4.2.5 | Resistance to penetration | 5 |
| 4.2.6 | Resistance to damage or leakage after dropping | 5 |
| 4.2.7 | Resistance to damage or leakage after toppling | 5 |
| 4.2.8 | Fill line | 5 |
| 4.3 | Closure device | 6 |
| 4.4 | Monitoring of reuses | 6 |
| 4.5 | Cleaning and decontamination | 6 |
| 4.5.1 | Cleaning and decontamination process | 6 |
| 4.5.2 | Microbiological validation | 7 |
| 5 | Lifespan simulation prior to testing | 7 |
| 5.1 | General | 7 |
| 5.2 | Conditioning | 7 |
| 5.3 | Tumbling with sharps simulation | 7 |
| 5.4 | Transport simulations | 8 |
| 5.5 | Processing simulations | 8 |
| 6 | Test methods | 8 |
| 6.1 | Container stability | 8 |
| 6.2 | Strength of handle(s) | 8 |
| 6.3 | Resistance to penetration | 9 |
| 6.3.1 | Apparatus | 9 |
| 6.3.2 | Procedure | 9 |
| 6.4 | Resistance to damage and leakage after dropping | 10 |
| 6.4.1 | Apparatus | 10 |
| 6.4.2 | Procedure | 10 |
| 6.5 | Resistance to spillage by toppling | 11 |
| 6.5.1 | Apparatus | 11 |
| 6.5.2 | Procedure | 11 |
| 7 | Quality monitoring: Post decontamination quality assurance | 11 |
| 8 | Labelling and marking and instructions for use | 12 |
| 8.1 | Labelling and marking | 12 |

| | | |
|------------|---|-----------|
| 8.2 | Instructions for use | 13 |
| | Annex A (informative) Microbiological validation | 14 |
| | Bibliography | 17 |