

ISO 23553-1:2007-09 (E)

Safety and control devices for oil burners and oil-burning appliances - Particular requirements - Part 1: Shut-off devices for oil burners

| Contents | | Page |
|---|---|-------------|
| Foreword | | iv |
| 1 | Scope | 1 |
| 2 | Normative references | 1 |
| 3 | Terms and definitions | 2 |
| 4 | Classification | 6 |
| 4.1 | Classes of shut-off device | 6 |
| 4.2 | Control groups | 6 |
| 5 | Test conditions | 6 |
| 6 | Construction | 6 |
| 6.1 | General | 6 |
| 6.2 | Construction requirements | 7 |
| 6.3 | Materials | 8 |
| 6.4 | Oil connections | 10 |
| 6.5 | EMC and electrical requirements | 11 |
| 7 | Performance | 12 |
| 7.1 | General | 12 |
| 7.2 | Leak-tightness | 12 |
| 7.3 | Torsion and bending | 13 |
| 7.4 | Flow capacity | 14 |
| 7.5 | Durability | 14 |
| 7.6 | Functional requirements | 15 |
| 7.7 | Endurance | 15 |
| 8 | EMC test | 15 |
| 9 | Marking, installation and operating instructions | 16 |
| 9.1 | Marking | 16 |
| 9.2 | Installation and operating instructions | 17 |
| Annex A (normative) Regional specific requirements for Japan | | 18 |
| Bibliography | | 20 |