

DIN EN 15270:2008-03 (E)

Pellet burners for small heating boilers - Definitions, requirements, testing, marking

| Contents | | Page |
|--|--|-------------|
| Foreword | | 3 |
| 1 Scope | | 4 |
| 2 Normative references | | 4 |
| 3 Terms, definitions and symbols | | 4 |
| 4 Classification and groupings for pellet burners | | 8 |
| 5 Requirements | | 9 |
| 6 Testing | | 16 |
| 7 Conformity evaluation | | 25 |
| 8 Marking | | 25 |
| 9 Operating instructions | | 25 |
| 10 Test report | | 27 |
| controls 34 | | |
| functions using electronic devices for pellet burners | | 38 |
| Bibliography | | 49 |
| Annex C (normative) Requirements for electronic burner start up functions and pellet-air ratio Annex E (informative) Example of risk assessment and the allocation of safety level for control Annex I (informative) Conformity evaluation | | 46 |
| Annex G (informative) Measurement methods for some physical parameters | | 41 |
| Annex H (normative) Determination of organic gaseous compounds content | | 44 |
| Annex F (informative) Long term stability test (optional) | | 40 |
| Annex D (informative) Example of risk assessment to prevent back burning | | 36 |
| Annex B (informative) Fireproof non-metallic materials for pellet burners | | 32 |
| Annex A (informative) Vocabulary | | 29 |