

ISO 17916:2016-03 (E)

Safety of thermal cutting machines

| Contents | | Page |
|--|---|-------------|
| Foreword | | iv |
| Introduction | | v |
| 1 | Scope | 1 |
| 2 | Normative references | 1 |
| 3 | Terms and definitions | 2 |
| 4 | Significant hazards | 4 |
| 5 | Safety requirements and protective measures | 4 |
| 5.1 | General | 4 |
| 5.2 | List of safety requirements | 5 |
| 6 | Information for use | 15 |
| 6.1 | General | 15 |
| 6.2 | Instruction handbook | 15 |
| 6.3 | Noise declaration | 16 |
| 6.4 | Marking | 16 |
| Annex A (informative) Examples of hazards, hazardous situations, and hazardous events | | 17 |
| Annex B (informative) Calculation examples for dimensioning of exhaust systems | | 21 |
| Annex C (informative) Example for the lower limit of protective devices | | 24 |
| Annex D (informative) Example for calculation of the compression corresponding to the acceptable maximum force in case of collision between the machine and a human body | | 25 |
| Annex E (normative) Measurement of the air velocity at the entrance plane of the cutting table | | 27 |
| Bibliography | | 28 |