

DIN EN 12753:2011-02 (E)

Thermal cleaning systems for exhaust gas from surface treatment equipment - Safety requirements (includes Amendment A1:2010)

Contents		Page
Foreword		3
Introduction		4
1 Scope		5
2 Normative references		6
3 Terms and definitions		7
4 List of significant hazards		9
4.1 General		9
4.2 Fire and explosion hazards		9
4.3 Hazards generated by residual process gases		12
5 Safety requirements and/or protective measures		12
5.1 General		12
5.2 Fire and explosion		12
5.3 Requirements against hazards generated by residual process gas		19
6 Verification of the safety requirements and / or protective measures		19
7 Information for use		20
7.1 General		20
7.2 Instruction handbook		20
7.3 Marking		22
Annex A (informative) Schematic views of thermal cleaning systems		23
Annex B (informative) Temperature dependency of LEL		27
Annex C (informative) Operating parameters, conditions for use and measurement methods		31
Annex D (informative) Guidelines for thermal cleaning systems operating at increased concentrations		32
Annex E (informative) References to national exposure limit values		34
Annex F (normative) Classification of material's reaction to the fire -- national standards		35
Annex G (informative) Relation between categories and zones		36
Annex ZA (informative) !!!Relationship between this European Standard and the Essential Requirements of EU Directive 2006/42/EC""		37
Bibliography		38