

DIN EN 13160-1:2016-12 (E)

Leak detection systems - Part 1: General Principles

Contents		Page
European foreword		3
1	Scope	4
2	Normative references	4
3	Terms and definitions	4
4	Classes of leak detection systems	7
5	Requirements	7
5.1	General	7
5.2	Avoidance or reduction of ignition sources	8
5.3	Safety and electromagnetic requirements	8
5.4	Leak indicating device	9
5.5	Inspection of equipment	9
Annex A (informative) Examples of leak detection systems		10
A.1	Leak detection systems - class I	10
A.2	Leak detection systems - class II	15
A.3	Leak detection systems - class III	16
A.4	Leak detection systems - class IV	18
A.5	Leak detection systems - class V	20
Annex B (informative) Equipment categories for explosion-proof parts of the leak detection systems		21
Bibliography		22