

ISO 6826:2022-05 (E)

Reciprocating internal combustion engines - Fire protection

Contents		Page
Foreword		iv
1	Scope	1
2	Normative references	1
3	Terms and definitions	1
4	Other regulations and requirements	2
5	General	2
6	Engine basic class	2
6.1	General	2
6.2	Instructions	3
6.3	Engine fill provisions	3
6.4	Stop, drain and vent valves	3
6.5	Piping for flammable liquids or gases	3
6.5.1	Pipe design and installation	3
6.5.2	Pipe fittings	3
7	Special requirements for engines	4
7.1	Fire resistance	4
7.1.1	30-min fire-resistance test (feature code: A)	4
7.1.2	2,5-min fire-resistance test (feature code: B)	4
7.1.3	Flame-retardant characteristics of plastic components (feature code: C)	4
7.2	Protection of electrical components (feature code: D)	4
7.3	Electrostatic protection (feature code: E)	4
7.4	Protection of high-pressure fuel systems (feature code: F)	4
7.5	Protection of high-pressure hydraulic systems (feature code: G)	5
7.6	Drain and vent valves (feature code: H)	5
7.7	Filters for flammable liquids or gases	5
7.7.1	Filter location (feature code: J)	5
7.7.2	Filter trays (feature code: K)	5
7.8	High-temperature surfaces (feature code: L)	5
7.9	Protection from engine exhaust gas (feature code: M)	6
7.10	Protection from after-treatment system of exhaust gas (feature code: N)	6
7.11	Inlet system flame control	6
7.11.1	Inlet system flame prevention (feature code: P)	6
7.11.2	Inlet system fire warning (feature code: Q)	6
7.11.3	Inlet system drains (feature code: R)	6
7.12	Crankcase flame control	6
7.12.1	Crankcase breather flame control (feature code: S)	6
7.12.2	Crankcase explosion relief valve flame control (feature code: T)	6
7.12.3	Oil mist detection arrangements against marine engine crankcase explosions (feature code: U)	7
7.13	Indicator cock flame control (feature code: V)	7
7.14	Flexible connections in engines started by admitting air directly into the cylinders (feature code: W)	7
Annex A (informative)	Format for communicating special requirements	8
Bibliography		10