

# ISO/TS 15029-2:2012-12 (E)

## Petroleum and related products - Determination of spray ignition characteristics of fire-resistant fluids - Part 2: Spray test - Stabilized flame heat release method

---

<b>Contents</b>		<b>Page</b>
Foreword .....		iv
1	Scope .....	1
2	Normative references .....	1
3	Terms and definitions .....	1
4	Principle .....	2
5	Reagents and materials .....	2
6	Apparatus .....	2
6.1	Test installation .....	2
6.2	Instrumentation .....	7
7	Sampling and sample preparation .....	9
8	Apparatus preparation .....	10
9	Procedure .....	10
9.1	Measurements at a propane flow rate of 0,13 Nm <sup>3</sup> /h .....	10
9.2	Measurements at a propane flow rate of 0,4 Nm <sup>3</sup> /h .....	11
9.3	Rejection of test data .....	11
9.4	Tabulation of measurements .....	12
9.5	Number of tests .....	12
10	Calculations .....	13
10.1	Ignitability factor .....	13
10.2	Flame length index .....	14
10.3	Smoke density .....	14
11	Expression of results .....	14
11.1	Individual results .....	14
11.2	Ranking system .....	14
12	Precision .....	15
13	Test report .....	15
Annex A (normative) Verification of propane pressure and flow rate .....		16
Annex B (normative) Verification of propane flame characteristics .....		17
Annex C (normative) Test apparatus calibration .....		22
Annex D (informative) Suggested fire-resistant classification scheme .....		24
Annex E (informative) Example pro-forma for test results .....		25
Bibliography .....		28

