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**Oil and gas industries including lower  
carbon energy — Flare details for  
general refinery and petrochemical  
service**

*Industries du pétrole et du gaz, y compris les énergies à faible  
teneur en carbone — Détails sur les torches d'usage général dans les  
raffineries et dans les usines pétrochimiques*

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## Foreword

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The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO document should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see [www.iso.org/directives](http://www.iso.org/directives)).

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This document was prepared by Technical Committee ISO/TC 67, *Oil and gas industries including lower carbon energy*, Subcommittee SC 6, *Process equipment, piping, systems, and related safety*, in collaboration with the European Committee for Standardization (CEN) Technical Committee CEN/TC 12, *Oil and gas industries including lower carbon energy*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

This second edition cancels and replaces the first edition (ISO 25457:2008), which has been technically revised.

This document supplements API Std 537, 3<sup>rd</sup> edition (2017) including Addendum 1.

The technical requirements of this document and API Std 537 used to be identical. In the meantime API Std 537 has been technically revised as API 537, 3<sup>rd</sup> edition (2017) with Addendum 1. The purpose of this edition of ISO 25457 is to bring it up to date, by referencing the current edition of API Std 537 and including its supplementary content.

The main changes are as follows:

- supplementary requirements edition for pellet flare ignition systems;
- update of the volumetric flow formula.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at [www.iso.org/members.html](http://www.iso.org/members.html).