



ISO Central Secretariat editorial comments*
Commentaires rédactionnels du Secrétariat central de l'ISO**

ISO/DIS 13705

ISO/TC 67/SC 6

* To be taken into consideration when preparing the revised draft.

** À prendre en considération lors de la préparation du projet révisé.

ISO 13705, Petroleum and natural gas industries — Fired heaters for general refinery service

During the editorial evaluation of the above document, the following points have arisen which should be addressed in the preparation of the final draft:

1) The second paragraph in the Scope is not appropriate scope material. Please either put it in the Introduction, or create a definition of fired heater (perhaps the best solution), or move it elsewhere in the document, or delete it entirely.

2) The use of bullets to indicate that a decision is required by the purchaser is not clear in many places. For example, "14.1.9 Gas pilots shall be provided for each burner." and "14.2.1 Sootblowers shall be automatic, sequential and fully retractable." seem to be fixed requirements; what is the purchaser to decide here?? E.2.1.2 b) last sentence "The fan static pressure and temperature...shall be specified by the purchaser." does NOT have a bullet, which seems inconsistent with previous use. Please review the entire document with this in mind, clarifying the text, where necessary, for readers not involved in its preparation.

3) Normative references: Please list first ISO references, followed by IEC, followed by EN, followed by others in alphabetical order. Please cite ISO references where equivalent to other refs, e.g. is not ISO 5801:1997, *Industrial fans -- Performance testing using standardized airways*, perhaps equivalent to AMCA 210?

4) Annex E: as this annex is normative, you should mention in clause 3 that additional terms and definitions regarding centrifugal fans are given in annex E. Please make two separate definitions for E.1.2.1, giving the subject field (in what case would you use each definition) in brackets before the definition itself. See ISO Directives Part 3, annex C. Please remember that requirements are not permitted in definitions or notes.

5) Throughout the document, units, equations, etc. must be given FIRST in SI units and then in US Customary units, not the other way around. It seems a pity that the work sheets in annex G are only in US customary units-- this will limit their use internationally. Perhaps for the first revision they can be added?? Also in text and explanations of symbols remember that units must be written out in full unless preceded by a number-- e.g. "in millimetres" but "a value of 3 mm". This is not necessary in Tables and Figures.

6) ISO style uses the decimal comma throughout, even if data is expressed in US customary units (I know, but that's the rule!), therefore please correct the document, including annexes, accordingly.

Thanks in advance for your kind cooperation.

Technical Editor(s) Rédacteur(s) technique(s)	Hornfeld Carolyn (E-mail:)	Date 1999-08-13
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