



ISO/TC 28 Petroleum products and lubricants

Secretary: Paula Watkins, American Petroleum Institute, 1220 L Street NW, Washington, DC 20005, USA
Tel: +1 202 682 8197 Fax: +1 202 962 4797 E-Mail: watkinsp@api.org

ISO/TC 28 N 2280

2006-02-20

To: P-members
O-members
L-members

Dear Members,

Report of ISO/TC 28/WG 2

Please find attached the WG 2 report for presentation at the 24th meeting of ISO/TC 28.

Yours sincerely

Paula Watkins

Paula Watkins
Secretary to ISO/TC 28

Report of WG 2 "Determination and application of precision data in relation to method of test" to ISO/TC 28 for the 24th meeting, 24-26 April 2006, Juan-les-pins

WG Convenor:	John Church (UK)
WG Secretary: None (if applicable)	
Number of WG members (including Convenor): 6	
Membership: See attached.	
Meetings held since the last ISO/TC 28 meeting: None (date and location)	
Future meetings planned: None (date and location)	
<p>Current WG activities/Status of work/Areas of concern:</p> <p>The WG last met on 7 September 2004 in Stockholm just prior to the 23rd plenary meeting of ISO/TC 28. The WG resolved comments submitted on ISO/DIS 4259 <i>Petroleum products – Determination and application of precision data in relation to methods of test</i>.</p> <p>Subsequent to the WG 2 meeting, the Convenor worked with the TC 28 Secretary to modify the DIS to incorporate the accepted comments and to finalize any editing so that an English FDIS text could be prepared.</p> <p>The English FDIS text was submitted to ISO/CS on 2005-10-04. The French FDIS text was submitted on 2005-12-06. The ISO/FDIS ballot will have a parallel Formal Vote within CEN/TC 19.</p> <p>The Secretary made the following requests to CS when submitting the English FDIS text:</p> <p>"Because of the somewhat complex nature of this standard with regard to the number of equations involved, when the second edition of ISO 4259 was published in 1992, ISO/CS took the electronic file provided by the PL and simply added the covers, front matter and headers/footers etc. No editing was carried out by ISO/CS, and the text was published in times font as supplied by the PL, with the annexes appearing in single column format. If you take a look at this 1992 edition, you will see it was not "typeset" as such by the Central Secretariat. We were hoping that a similar process could be used for this third edition. The Project Leader and I have spent some considerable time formatting this document, especially with regard to the equations. However, it was a learning process for us both with regard to using the MS Equation Editor, and I know that the settings in place were not those recommended by CS for some of the equations (it would have taken an inordinate amount of time to redo all the equations). Therefore, if you actually "open" some of the equations (by double-clicking on them), the format of each equation will default back to the settings on your computer, and if we have not correctly designated the characters within the equation as e.g. variables or functions, the format of the equation will appear incorrectly. I therefore recommend that you do not "open" the equations.</p> <p>"ISO 4259 is possibly the most important standard developed by ISO/TC 28. It is referenced in almost every test method published by TC 28 because it is the industry standard by which precision statements are prepared. In addition, it is used for establishing specification limits. Furthermore, it is the industry standard for adjudicating cases of dispute, and may therefore be referenced in courts of law around the world. Given the significance of this particular standard, I request that if any editing is carried out by the CS staff, I am sent a copy of the FDIS text with the modifications indicated prior to the FDIS ballot being initiated. I will check the text to ensure that no errors have been introduced during the editing process."</p>	

Future work:

Subject matter to be considered in a future revision include:

Remove abbreviations to improve clarity.

Include rounding in example calculations.

Align definitions, symbols and word usage in relation to other standards.

Define or explain all statistical terminology in the text for the benefit of non-statisticians.

Include examples for the interpolation/extrapolation of values in tables.

Simplify the statistical analysis by presenting it in terms of the analysis of laboratory/sample cells rather than the analysis of results.

Test for the effects of non-Normality on outlier tests and analysis of variance.

Signed:Handwritten signature of J. J. Clavel in black ink, positioned to the right of the 'Signed:' label. A vertical red line is drawn to the right of the signature.**Date: 2006-02-20**

Experts nominated to serve on ISO/TC 28/WG 2 — *Determination and application of precision data in relation to method of test*

Name	Company/Organization	Country
J F Church		UK
P Pestiaux	Total/Fina/Elf	France
Dr D Wagnitz		Germany
Dr H T Feuerhelm	DIN-FAM	Germany
P Tittarelli	Stazione Sperimentale per i Combustibili	Italy
A T C Lau	ExxonMobil	USA
M Bourgogne (To receive mail only)	BNPé	France
R M Stanley (To receive mail only)	Chevron	USA
D M G Lawrey (To receive mail only)		USA