



ISO/TC 28 Petroleum products and lubricants

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To: **P-members**
 O-members
 L-members

Dear Members,

Report of ISO/TC 28/SC 3

Please find attached the SC 3 report for presentation at the 24th meeting of ISO/TC 28.

Yours sincerely

Paula Watkins

Paula Watkins
Secretary to ISO/TC 28



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**Secretariat of ISO/TC 28/SC 3
- Static petroleum measurement**

To the P-, O- and L- Members of ISO/TC 28/SC 3
- "Static petroleum measurement"
(of ISO/TC 28 - "Petroleum products and lubricants")

**REPORT TO ISO/TC 28 FROM SC 3 "STATIC PETROLEUM MEASUREMENT" FOR THE PERIOD
2004/2006**

1. CONSTITUTION

Chairman: Mr R Paton (NEL, UK)
Secretary: Mr R E Stratton (BSI, UK)

The membership of ISO/TC 28/SC 3 is currently as follows

P-Member Bodies

Australia (SA)
Austria (ON)
Belgium (IBN)
France (AFNOR)
Germany (DIN)
India (BIS)
Israel (SII)
Japan (JISC)
Republic of Korea (KATS)
Netherlands (NEN)
Romania (ASRO)
Russian Federation (GOST R)
Slovakia (SUTN)
Spain (AENOR)
Sweden (SIS)
Switzerland (SNV)
United Kingdom (BSI)
(Secretariat)
USA (ANSI)

O-Member Bodies

Argentina (IRAM)
Brazil (ABNT)
China (SAC)
Croatia (HZN)
Czech Republic (CNI)
Finland (SFS)
Hungary (MSZT)
Indonesia (BSN)
Ireland (NSAI)
Italy (UNI)
Malaysia (DSM)
Mexico (DGN)
Poland (PKN)
Portugal (IPQ)
Saudi Arabia (SASO)
Serbia and Montenegro (ISSM)
Tanzania, United Republic of (TBS)

Trinidad and Tobago (TTBS)
Turkey (TSE)

There have been no changes in membership since the last report.

2. STRUCTURE

The current Working Group structure is as follows (unchanged from previous report).

- WG 1 - Tank calibration, convenor Mr Sridhar Sivaraman, USA
- WG 4 - Static mass measurement, convenor Mr Milos Machacek, UK
- WG 6 - Direct measurement of temperatures and level in storage tanks, convenor Mr Ken Mei, USA
- WG 7 - Sampling of petroleum liquids, convenor Mr Arthur Kay, USA
- WG 8 - Revision of ISO 3838, convenor Mr John Phipps, UK

3. PROGRESS ON ITEMS ON THE SC 3 WORK PROGRAMME

Significant progress has continued to be made in progressing the SC 3 work programme, such that there is now only one active item on the programme.

3.1 International standards published

ISO 7507-2 Petroleum and liquid petroleum products – Calibration of vertical cylindrical tanks – Part 2: Optical-reference-line method (published 2005-06-01)

3.2 DIS approved and to be submitted directly to ISO for publication

DIS 7507-3 Petroleum and liquid petroleum products – Calibration of vertical cylindrical tanks – Part 3: Optical-triangulation method (DIS ballot closed 2005-09-22)

3.3 Other projects

Following periodic review, a project to revise ISO 7507-4 " Petroleum and liquid petroleum products – Calibration of vertical cylindrical tanks – Part 4: Internal electro-optical distance ranging method" has been added to the SC 3 work programme. Work on this revision will be starting in March 2006 jointly between SC 3/WG 1 and the relevant API Working Group. It was felt by WG 1 that this revision should begin jointly with API without delay, recognizing that this would be in advance of future procedures emanating from the "Phoenix Agreement" being put in place.

It has also been agreed to revise ISO 7507-5 " Petroleum and liquid petroleum products – Calibration of vertical cylindrical tanks – Part 5: Internal electro-optical distance ranging method", but this has been added to the work programme as a PWI pending finalization of the procedure to be followed under the "Phoenix Agreement".

4. RESULTS OF PERIODIC REVIEW OF SC 3 STANDARDS

The following international standards are currently the subject of periodic review which terminates on 2006-06-30, although a request will be made to member bodies to reply by 2006-05-31..

- ISO 91-2 : 1991 – Petroleum measurement tables – Part 2: Tables based on a reference temperature of 20 degrees C
- ISO 4257 : 2001 – Liquefied petroleum gases – Method of sampling
- ISO 4269 : 2001 – Petroleum and liquid petroleum products – Tank calibration by liquid measurement – Incremental method using volumetric meters
- ISO 12185 : 1996 – Crude petroleum and petroleum products – Determination of density – Oscillating U-tube method (as corrected by COR 1: 2001)

5. THE FUTURE

The SC 3 Chairman and Secretary have been involved in numerous discussions over the future of petroleum measurement work within ISO. The "Phoenix Agreement", putting in place procedures for the joint development of standards for international application between the API and the UK Energy Institute, will shortly be signed and ISO petroleum measurement committees will then need to consider the implications of this on the work on petroleum measurement in ISO. The SC 3 officers intend to be fully involved in those discussions. The need for a meeting of SC 3 will be kept under review.



R E STRATTON
for the UK Secretariat of ISO/TC 28/SC 3