



CEN/TC 289/WG 1  
CEN/TC 289/WG 1 - Chemical test methods  
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**CEN 289 WG1 WG2 WG3 Draft-Minutes Weil draft-1**

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Background: Draft minutes from meeting CEN 289 WG1 / ISO IULTCS IUC in Weil am Rhein, on September, 11.  
Please, contact me if there were any comments.  
Final document will be up-loaded with minutes from WG2/IUP and WG3/IUF.

Committee URL: <http://cen.iso.org/livelink/livelink/open/centc289wg1>



**Minutes and Resolutions of combined meeting of:**

- CEN/TC 289: WG 1, WG 2 and WG 3
- IULTCS: IUC, IUP and IUF

**TFL Ledertechik**  
**Im Schwarzenbach 2**  
**79576 Weil am Rhein, Germany**  
**Date: 11<sup>th</sup> September 2012**

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Attendance

**General Issues Related to IU Commissions & CEN Working Groups**

**1. Welcome and agreement of agenda**

The Chairmen, Joan Carles Castell (WG1/IUC), Mike Wilson (WG2/IUP) and Campbell Page (WG3/IUF) opened the meeting and welcomed all participants. TFL Ledertechnik was thanked for making available the meeting room.

New members were welcomed and a roll call was made. The experts signed the Attendance list, attached at the end of these Minutes and Resolutions.

**2. Approval of the minutes of the last meeting** (Document N 227)

The minutes of the last meeting held at Milan 13<sup>th</sup> March, 2012 had been circulated prior to the meeting. The minutes were approved unanimously.

**3. Other IU Commission / CEN TC 289 business**

**09.10 h Meeting of CEN TC 289/WG1 and IUC Commission**

**4. Progress of active work items (IUC & WG1)**

**4.1 New EN and ISO standards**

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**4.2 Documents in parallel CEN/ISO Formal Vote**

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**4.3 Documents in parallel CEN/ISO Enquiry**

- **prEN ISO DIS 17070 / IUC 25** *Leather – Chemical tests – Determination of tetrachlorophenol-, trichlorophenol-, dichlorophenol-, monochlorophenol-isomers and pentchlorophenol content.* DIS, according to N552, was sent to ISO for parallel DIS Enquiry. Opened on 02. Aug. 2012, closes on 02. Jan. 2013.

- **prEN ISO DIS 17234-1 / IUC 20-1** – *Leather – Chemical determination of certain azo colorants in dyed leathers – Part 1: Determination of certain aromatic amines derived from azo colorants.* DIS was sent to ISO for parallel DIS Enquiry and will open on 04. Oct. 2012.



- **prEN ISO DIS 18218-1 / IUC 28-1** – *Leather – Chemical test for ethoxylated alkylphenols – Part 1: Direct method*. DIS document, according to N560, was sent to ISO for parallel DIS Enquiry. Opened on 30. Aug. 2012, closes on 30. Jan. 2013.
- **prEN ISO DIS 18218-2 / IUC 28-2** – *Leather – Chemical test for ethoxylated alkylphenols – Part 2; Indirect method*. DIS document, according to N561, was sent to ISO for parallel DIS Enquiry. Opened on 30. Aug. 2012, closes on 30. Jan. 2013.
- **prEN ISO DIS 18219 / IUC 30** – *Leather – Determination of chlorinated hydrocarbons in leather – Chromatographic method for short-chain chlorinated paraffins (SCCP)*. DIS document was sent to ISO for parallel DIS Enquiry. Scheduled to open on 29. Nov. 2012 and close on 29. Apr. 2013.

## 5. Discussion on active work items (IUC & WG1)

### 5.1 Documents after CEN/ISO Enquiry (comments received to be discussed and documents to be finalised for formal vote)

- **prEN ISO DIS 17489 / IUC 33** *Leather – Chemical tests – Determination of tan content of tanning agents*. Parallel CEN/ISO Enquiry was closed on 12. Jun. 2012 and comments were discussed among the members.
  - Comment from India: General. "The test method shall not be used of determining the tan content of tanning materials". NOTED. According to the scope, the method "is particularly suitable for measuring the batch-to-batch consistency of synthetic tanning agents". The reason for the method is time saving and reproducibility when CEN ISO 14088 is not practical.
  - Comment from Italy: To insert "synthetic tanning agents" in the title, in the Scope and in all the standard in order to restrict the standard to "synthetic tanning agents". ACCEPTED.
  - Comment from Italy: In the Scope: "To delete the second paragraph". ACCEPTED. Paragraph shall be moved to Introduction.
  - Comment from Germany: Clause 5.2, modify to "a mass fraction of 50%". ACCEPTED.

Dr. Page will modify the document accordingly for FDIS and will be uploaded into Livelink for further comments for 4 weeks before submission for FDIS.

**RESOLUTION 1:** DIS will be modified according to the decisions made and submitted as FDIS for parallel CEN/ISO Formal Vote.

### 5.2 New Work Items for discussion before CEN/ISO Enquiry

## 6. Review of published EN & ISO standards under IUC/WG1 responsibility

### 6.1 Decisions on the comments received during systematic reviews

### 6.2 Standards currently under ISO systematic revision

## 7. Proposals for new work items, comments & documents from other TCs

### 7.1 Proposals for new work items

- **NWIP** *Leather—Chemical tests—Determination of the designation "leatherboard" by a gravimetric method*

The proposed method based on the determination of hydroxyproline is not accepted due to the uncertainty of the result, for example if protein based resins are used as a binder for the leatherboard. The labs recognize that requests for such a test are very rare. Some companies have established analytical methods for internal quality control but do not give a real value for leather fibre content. CTC also noted that in France there is a test method but it is even less suitable. It



was decided to maintain this item open until next meeting, with the request experts look again for possible test methods.

Any proposal can be submitted to Joan Carles who will circulate for discussions among the members of the committee.

- **NWIP Leather – Chemical tests – Determination of N-methylpyrrolidone in leather.** A test method was proposed in CD document N17. The following comments and corrections are agreed:
  - o Check the possibility of using another solvent rather than acetone due to the volatility of this reagent at the working temperature of 50°C.
  - o It is suggested a lockable jar of 20 mL

**Resolution 2:** Agreed to request a NWI be activated with CEN lead. The CD document will be submitted as DIS for parallel CEN/ISO Enquiry.

- **NWI Leather – Chemical tests – Determination of Cr(VI) in leather chemicals.** A test method was proposed in document N18. The following comments and corrections are agreed:
  - o The negative value of the result of Cr(VI) indicates a reductive potential of the tanning agent. Therefore, it is decided:
    - Change the title to: "Determination of Cr(VI) and its reductive potential in leather chemicals".
    - Include in the test report: "In case of negative value, report as "No chrome (VI) is detected. The chrome tanning agent shows a reductive potential".

Dr. Haiko Schulz will modify the document accordingly and prepare for submission with ISO format.

**Resolution 3:** Agreed to request a NWI be activated with CEN lead. The CD document will be submitted as DIS for parallel CEN/ISO Enquiry.

## 7.2 Comments received since last meeting

- **EN ISO 17226-1 and EN ISO 17226-2:** N16 Comments received about possible modification to formaldehyde in leather test methods (Spain):

The comments were discussed. As the described problem occurs when the amount of released formaldehyde is high, it is not considered urgent to modify the document. For next revision it will be considered to include a note on clause 7.2.3 considering a limit for the time for measuring.

Mr. Gustavo González-Quijano commented that there is a lack of data on formaldehyde exposure in the industry workplaces and asked if some of the experts have this information, they should forward to him.
- **EN ISO 17075.** Comments were received from India about a possible modification to the test procedure for Cr(VI) in the leather. Experts see some conflict between this suggested modification and the detailed data published by LGR (World Leather, Dec. 2004, page 31). Further discussion should be made at next systematic review.
- **EN ISO 5398 Parts 1-4.** Comments were received from India with regards ageing of the samples before testing. The comments are NOTED. Test method refers to the determination of chromic oxide and ageing can be included in the preparation of the sample according to customer requirements. Joan Carles Castell will check with the labs to gather experiences from market demands.