



**Minutes of Combined meeting of
CEN/TC 289/WG 1, WG 2 and WG 3
IULTCS IUC, IUP and IUF Commissions**

**UNI – Ente Nazionale Italiano di Unificazione
Via Sannio, 2
20137 Milano, Italy**

Date: 23rd March 2010

General Issues Related to IU Commissions and CEN Working Groups

1. Welcome and agreement of agenda

The Chairmen, J.C. Castell (WG1/IUC), M. Wilson (WG2/IUP) and C. Page (WG3/IUF) opened the meeting and welcomed all participants. The experts signed the Attendance list (see Annex A).

2. Minutes of the last meeting (Document N 175)

The minutes of the last meeting held at SATRA in Kettering, UK on 16th September, 2009 had been circulated prior to the meeting and were approved without amendment. The chairmen apologised for their late circulation

3. Other IU Commission / CEN TC 289 business

C. Page and J.C. Castell reported that on 13th October 2009 a well attended IUC/IUF/IUP Commission information meeting was held at the IULTCS Congress in Beijing, China. It was a good opportunity for those unable to attend meetings in Europe to review the status of CEN/TC 289 and the IU Commissions work on leather standards and to discuss the issues raised by India regarding standard testing atmospheres.

Meeting of CEN TC 289/WG1 and IUC Commission (J.C. Castell, Chairman)

4. Information on progress of current methods (IUC & WG1)

4.1 Documents accepted as EN and ISO standards since last meeting:

- **EN ISO 27587/IUC 26** *Leather - Chemical test - Determination of free formaldehyde in process auxiliaries.*

Document was published on 13th October 2009

- **EN ISO 17234-1/IUC 20-1** *Leather - Chemical test – Determination of certain azo colorants in dyed leathers. Part 1: Determination of certain aromatic amines derived from azo colorants*

Document was published as an ISO Standard on February, 11th, 2010. It will be published as an EN Standard once the withdrawal of CEN ISO/TS 17234 is completed.

Decision: Withdraw CEN ISO/TS 17234 and replace it with EN ISO 17234-1

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

5.1 Documents after CEN/ISO Enquiry in accordance VA procedure (comments to be discussed and documents to be finalized for FDIS)

prEN ISO DIS 17072-1/IUC 27-1 *Leather – Chemical tests – Part 1: Determination of total metal content in leather.*

The Document N 197 analyzing the round robin test was discussed and proposed corrections to the DIS document were agreed for preparation of the FDIS. Ms. Elisabetta Scaglia will correct the document



accordingly. New version will be circulated to the expert group before parallel CEN/ISO Formal Vote procedure.

Decision: Document will be corrected including expert comments for FDIS and submitted for parallel CEN/ISO Formal Vote procedure.

prEN ISO DIS 17072-2/IUC 27-2 *Leather – Chemical tests – Part 2: Determination of extractable metal content in leather.*

The Document N 197 analyzing the round robin test was discussed and proposed corrections to the DIS document were agreed for preparation of the FDIS. Ms. Elisabetta Scaglia will correct the document accordingly. New version will be circulated to the expert group before parallel CEN/ISO Formal Vote procedure.

Decision: Document will be corrected including expert comments for FDIS and submitted for parallel CEN/ISO Formal Vote procedure.

The Committee agreed that a new round robin test needs to be organized in order to improve the detection levels for prEN ISO 17072-1 and prEN ISO 17072-2. Preparation of samples and sampling is critical but difficult and funding could be necessary.

prEN ISO DIS 17234-2/IUC 20-2 *Leather – Chemical tests – Part 2: Determination of certain azo colorants in dyed leathers – Part 2: Determination of 4-aminoazobenzene derived from azo colorants.*

Document N 191, results of voting on parallel CEN/ISO Enquiry, was discussed. Ms. Kerstin Schulte will correct the document accordingly for FDIS and submission to final parallel voting procedure.

Decision: Document will be corrected including expert comments for FDIS and submitted for parallel CEN/ISO Formal Vote procedure.

prEN ISO DIS 17226-3/IUC 19-3 *Leather – Chemical tests – Part 3: Formaldehyde emissions from leather*

Document N 190, results of voting on parallel CEN/ISO Enquiry, was discussed. Mr. Haiko Schultz will correct the document accordingly for FDIS and submission to final parallel voting procedure.

Decision: Document will be corrected including expert comments for FDIS and submitted for parallel CEN/ISO Formal Vote procedure.

prEN ISO DIS 14088/IUC 32 *Leather – Chemical tests – Determination of tanning content in vegetable extracts*

Document N 187 and 187 rev, results of voting on parallel CEN/ISO Enquiry, was discussed. Ms. Elise Tarabra will correct the document accordingly for FDIS and submission to final parallel voting procedure.

Decision: Document will be corrected including expert comments for FDIS and submitted for parallel CEN/ISO Formal Vote procedure.

prEN ISO DIS 13365/IUC 29 *Leather – Chemical tests – Determination of the preservative (TCMTB, CMK, OPP, PIT) content in leather*

Document N 199, results of voting on parallel CEN/ISO Enquiry, was discussed. Ms. Renate Meyndt will correct the document accordingly for FDIS and submission to final parallel voting procedure.

Decision: Document will be corrected including expert comments for FDIS and submitted for parallel CEN/ISO Formal Vote procedure.



5.2 Draft documents for discussion and decision on future steps:

- Document: *Leather – Chemical tests - Determination of free and ethoxylated nonylphenols in leather (N 167)*

- Document: *Leather – Chemical tests - Determination of organotin compounds in leather by GS/MS method (N 168)*

These work items have been deleted as no document has been proposed for enquiry yet. Both chemical tests are also active work items in CEN/ISO/TC 309/WG1. It is agreed that CEN/ISO/TC 289/WG1 will continue them after CEN/ISO/TC 309/WG1 proposes a feasible method and results are validated for leather.

An alternative test method proposed from China (N 206) is going to be discussed also in CEN/ISO/TC 309/WG1

6. Review of published standards under IUC/WG1 responsibility

6.1 Decisions on the comments received during systematic reviews

EN ISO 17070:2006 / IUC 25 Leather – Chemical tests – Determination of pentachlorophenol content.

Document N 178, results of voting for systematic review, was discussed. Experts agree to include the comments from Germany, UK and Spain. Renate Meyndt, Haiko Schulz, Campbell Page and Joan Carles Castell will correct the document accordingly for DIS and submission to Enquiry before end of May.

Decision: Document will be corrected including expert comments for DIS and submitted for parallel CEN/ISO enquiry.

6.2 Published EN ISO standards currently under revision process

EN ISO 4047:1977/IUC 7 Leather -- Determination of sulphated total ash and sulphated water-insoluble ash

Results of systematic review are in document N 200. There is only a technical comment from Spain. The problem is known but document is reconfirmed and the correction is postponed to the next revision.

Decision: Document is reconfirmed.

ISO 5397:1984/IUC 10 Leather -- Determination of nitrogen content and "hide substance" -- Titrimetric method

Results of systematic review are in document N 201. It is agreed that this document will not be an EN document.

Decision: Document is reconfirmed.

7. Proposals for new work items

1) NWIP Proposal from China:

"Leather—Chemical tests—Determination of fungicide contents by GC-MS method"

Document N 177 and comments N 195 and N 196, need more time from experts for comments. It is postponed for next meeting further discussions.

2) NWIP Proposal from COTANCE

Identifying collagen by microscopy photography.

COTANCE reported there is a real need to have a method to identify collagen. They requested WG1 to develop a method for the identification of collagen (leather). It seems that existing methods like ISO 5397, Determination of nitrogen content and "hide substance" or the determination of hydroxyproline are not suitable for the unequivocal identification of a substrate as being collagen/leather.



A range of microscopy photographs is proposed, FILK has already experience identifying collagen with this method. A new work item will be prepared by FILK and will be proposed for the next meeting.

8. Any other business

Determination of extractable PFOS, prCEN/TS 15968

Dr. Cannot reported there had been no further activities on this topic since the last meeting.

Meeting of CEN TC 289/WG2 and IUP Commission, (M. Wilson, Chairman)

9. Information on progress of current methods (IUP & WG2)

9.1 Methods undergoing CEN/ISO DIS Enquiry - no action required at this meeting

prEN ISO DIS 2419 / IUP 1 & 3 *Leather – Physical and mechanical tests – Sample preparation and conditioning*

Document in final preparation for sending to CEN/ISO Enquiry.

prEN ISO DIS 3377-1/IUP 40-1 *Leather – Physical and mechanical tests – Determination of tear load – Part 1: Single edge tear*

CEN/ISO Enquiry closes 28th June 2010.

prEN ISO DIS 5403-1/IUP 10-1 *Leather – Determination of water resistance of flexible leather – Part 1: Repeated linear compression (penetrometer)*

CEN/ISO Enquiry closes 11th August 2010.

prEN ISO DIS 5403-2/IUP 10-2 *Leather – Determination of water resistance of flexible leather – Part 2: Repeated angular compression (Maeser)*

CEN/ISO Enquiry closes 11th August 2010.

prEN ISO DIS 5404/IUP 11 *Leather – Physical test methods - Determination of water resistance of heavy leathers*

CEN/ISO Enquiry closes 28th June 2010.

9.2 Decisions on comments on current methods (IUP & WG2) having completed CEN/ISO DIS Enquiry

The comments received during parallel CEN/ISO Enquiry on the following standards were discussed and decisions agreed as follows:

The first comment on each standard was from India concerning including tropical atmospheres; the agreed committee response in each case was to stipulate that reference should only be given to 'standard atmosphere in accordance with ISO 2419' and that no specific atmospheric conditions should be stated.

prEN ISO 3376/IUP 6 *Leather – Physical and mechanical tests – Determination of tensile strength and percentage of extension.*

Decision: chairman to amend draft and send to FDIS

prEN ISO 5402-1/IUP20-1 *Leather – Physical and mechanical tests – Determination of flex resistance – Part 1: Flexometer method.*

Decision: chairman to amend draft, add PFI to Annex A and send to FDIS

prEN ISO 14087/IUP54 *Leather – Physical and mechanical tests – Determination of flexural properties.*

Decision: chairman to re-draft and send to H. Schulz for checking before sending to FDIS



prEN ISO 17076-2/IUP48-2 *Leather – Physical and mechanical tests – Determination of abrasion resistance – Part 2: Martindale ball plate method.*

Decision: H. Schulz to re-draft and send to chairman for checking before sending to FDIS

prEN ISO 17186/IUP41 *Leather – Physical and mechanical tests - Determination of surface thickness.*

Decision: chairman to amend draft and send to FDIS

prEN ISO 17235/IUP36 *Leather – Physical and mechanical tests – determination of softness.*

Decision: chairman to amend draft and send to FDIS

10. Review of published standards under IUP/WG2 responsibility

10.1 Decisions on comments received during systematic review under ISO revision process:

The first comment on each standard was from India concerning tropical atmospheres; the agreed committee response in each case was to stipulate that reference should only be given to 'standard atmosphere in accordance with ISO 2419' and that no specific atmospheric conditions should be stated.

ISO 17230:2006/IUP 45 *Leather -- Physical and mechanical tests -- Determination of water penetration pressure - (comments in N 179)*

Decision: ISO standard Confirmed; EN standard to be re-confirmed by UAP with adoption of the ISO number 17230

ISO 17231:2006/IUP 37 *Leather -- Physical and mechanical tests -- Determination of water repellency of garment leather - (comments in N 180)*

It was noted that Italy voted to revise but without submitting supporting comments

Decision: ISO standard Confirmed; EN standard to be re-confirmed by UAP with adoption of the ISO number 17231

EN ISO 17232:2006/IUP 38 *Leather -- Physical and mechanical tests -- Determination of heat resistance of patent leather - (comments in N 181)*

Decision: ISO & EN standard Confirmed.

ISO 17071:2006/IUP 46 *Leather -- Physical and mechanical tests -- Determination of fogging characteristics - (comments in N 182)*

Decision: ISO standard Confirmed; EN standard to be re-confirmed by UAP with adoption of the ISO number 17071

ISO 17074:2006/IUP 47 *Leather -- Physical and mechanical tests -- Determination of resistance to horizontal spread of flame - (comments in N 183)*

Decision: ISO standard Confirmed; EN standard to be re-confirmed by UAP with adoption of the ISO number 17074

It was noted that the EN standard, EN 14327:2003, has been revised and will adopt its counterpart ISO standard number, prEN ISO DIS 17076-1 (see section 11 below) and go to joint Inquiry/DIS.

10.2 Decision on comments received during systematic review under ISO revision process

EN ISO 3379:1976/IUP 9 *Leather -- Determination of distension and strength of grain -- Ball burst test - (comments in N 203)*

Decision: the meeting agreed to defer the decision to the next meeting at which Italy will present its proposal.



11. Progress of current methods (IUP & WG2) undergoing revision

Reference	Title: Leather - Physical and mechanical tests	Document
prEN ISO FDIS 26082-2/ IUP 53-2	<i>Leather – Physical and mechanical tests - Determination of soiling – Part 2: Tumbling method</i> Due to being overdue on the time limit, this item needs to be re-registered in CEN before the document (N170) can be sent to CEN/ISO FDIS/UAP procedure (5 months)	N 170
prEN ISO DIS 26082-1/ IUP 53-1	<i>Leather – Physical and mechanical test method for the determination of soiling – Part 1: Rubbing (Martindale) method</i> The Chairman gave the Secretary the amended draft document for circulation to the committee for 4 weeks before forwarding to CEN/ISO DIS enquiry	Number to be allocated
prEN ISO DIS 14268/ IUP15	<i>Leather - Physical and mechanical tests - Determination of water vapour permeability</i> The Chairman gave the Secretary the amended draft document for circulation to the committee for 4 weeks before forwarding to CEN/ISO DIS enquiry	Number to be allocated
prEN ISO DIS 17076-1/ IUP 48-1	<i>Leather – Determination of abrasion resistance – Part 1: Taber method</i> The Chairman gave the Secretary the amended draft document for circulation to the committee for 4 weeks before forwarding to CEN/ISO DIS enquiry	Number to be allocated
prEN ISO DIS 5402-2/ IUP 39 (former EN ISO 22288:2006)	<i>Leather -Determination of flex resistance: Part 2: Vamp flex method</i> Chairman to prepare amended draft document for circulation to the committee for 4 weeks before forwarding to CEN/ISO DIS enquiry	Number to be allocated
prEN ISO DIS 17227/ IUP 35	<i>Leather – Physical and mechanical tests – Determination of dry heat resistance</i> Awaiting revised draft from UNIC and FILK Secretary confirmed that this is not yet a registered work item so there is no time pressure	Number to be allocated

12. Proposals for new work items

- **Soiling and cleanability:** documents **N 154** and **N 155:**

H. Schultz has progressed this standard at TC 248, where a draft has gone to formal vote. In due course it may be considered for leather as Part 3 of EN ISO 26082.

13. Any other business

None



Meeting of CEN TC 289/WG3 and IUF Commission, (C. Page, Chairman)

14. Information on progress of current ISO & EN methods (IUF & WG3):

14.1 Documents accepted as EN and ISO standards

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15. Revision of current ISO & EN Standards after review

Draft documents including the modifications agreed in the last meeting were circulated prior to this meeting.

EN ISO 11641:2003/ISO 11641:1993/IUF 426 - *Colour fastness to perspiration* (N 184)

Several small amendments and corrections were proposed and accepted. PFI will be added as an equipment supplier.

Decision: Agreed to submit the draft document for DIS enquiry.

EN ISO 11642:1998/ISO 11642:1993/IUF 421 - *Colour fastness to water* (N 185)

Several small amendments and corrections were proposed and accepted. PFI will be added as an equipment supplier.

Decision: Agreed to submit the draft document for DIS enquiry.

ISO 20433:2005/IUF 452 - *Colour fastness to crocking* (N 186)

Several small amendments and corrections were proposed and accepted. PFI will be added as an equipment supplier.

Decision: Agreed to submit the draft document for DIS enquiry. Agreed to submit the ISO Standard for approval as an EN Standard.

EN ISO 11640:1998/ISO 11640:1993/IUF 450 - *Colour fastness to cycles of to-and-fro rubbing*

Draft document included most of the modifications, Mr Felix Frey will provide the additional information about the black felt. Needs to be ready by June for DIS enquiry.

Decision: Agreed to submit the draft document for DIS enquiry.

EN ISO 17228:2005/IUF 412 – *Change in colour with accelerated ageing*

It is planned to review the test conditions, especially those used by the automotive industry and consider including a reference to shrinking of samples. Dr Haiko Schulz will provide some proposals for the modification.

The planned modifications not yet ready, so it is necessary to ask for a delay.

Decision: ask for a 9 month delay in submitting a DIS document.

16. Review of published standards under IUF/WG3 responsibility

EN ISO 11646:1993/IUP 32 *Leather - Measurement of area* (N 198 & N 204)

There was a question relating to the importance of specifying a particular set of Standard Conditions and it was decided to hold further discussion until the next meeting.

Decision: Comments will be discussed at next meeting.

- EN ISO 15700:1998/IUF 420 *Leather - Tests for colour fastness - Colour fastness to water spotting* (N 205)

No technical changes were proposed in the review, so the method was re-affirmed.

Decision: Re-confirm the EN ISO 15700 for a further period.



CEN/TC 289/WG1 & 2 & 3: N 207
IULTCS/ IUC, IUP & IUF: N 207

17. Proposals for new work items

None

18. Confirmation of Resolutions for CEN/TC 289 Plenary from WG1, WG2 and WG3

It was agreed that the Resolutions would be prepared and circulated after the meeting.

19. Any other business

None

20 Date and location of next meeting

The next combined meeting of CEN/TC 289 WG1/2/3 & IULTCS IUC/IUP/IUF Commissions will be held on **7th September, 2010** at **PFI, Pirmasens** in Germany.

J.C. Castell, M. Wilson & C. Page
25th May 2010