



Minutes and Resolutions of combined meeting of:

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

UNIC - Unione Nazionale Industria Conciaria
Via Brisa 3
20123 Milano, Italy

15th March, 2011

(Note: next combined meeting is on 27th September 2011 at Valencia, Spain)

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General Issues related to IULTCS Commissions and 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. UNIC was thanked for making the meeting room available.

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. Minutes of the last meeting (Document N 213)

The minutes of the last meeting held at PFI in Pirmasens, Germany on 7th September, 2010 had been circulated prior to the meeting. The minutes were approved unanimously.

3. Other IU Commission / CEN TC 289 business

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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

- **EN ISO 13365/IUC 29** *Leather – Chemical tests - Determination of preservative content (TCMTB-OPP-CMK-OIT) in leather*

This Standard was formally accepted and published in January 2011. Kerstin Schulte commented she has received the first results of the inter-laboratory trial being carried out. Not all results are available yet but current data confirm reproducibility parameters.

- **EN ISO 17072-1/IUC 27-1** *Leather – Chemical tests – Part 1: Determination of extractable metal content in leather*

This Standard was formally accepted and published in January 2011. As decided in the meeting in Pirmasens on September 7th, 2010, Boron needs to be included in the scope of this document (**CEN &**



ISO Resolution). Jean-Claude Cannot informs to the committee that it is forecasted a round-robin test in France, starting in May, for extractable and total metal in shoe, including textile and leather materials. Seven laboratories from the TC 289 are also interested to participate in this round-robin test.

- **EN ISO 17072-2/IUC 27-2** *Leather – Chemical tests – Part 2: Determination of total metal content in leather*

Standard was formally accepted and published in January 2011. As decided in the meeting in Pirmasens on September 7th, 2010, Boron needs to be included in the scope of this document (**CEN & ISO Resolution**). Jean-Claude Cannot informed the committee that it is foreseen to hold a round-robin test in France, starting in May, for extractable and total metal in shoe, including textile and leather materials. Seven laboratories from the TC 289 are also interested to participate in this round-robin test.

- **EN ISO 17234-2/IUC 20-2** *Leather - Chemical tests for the determination of certain azo colorants in dyed leathers - Part 2: Determination of 4-aminoazobenzene derived from azo colorants.*
Publication date: 15 March 2011.

4.2 Documents in parallel CEN/ISO Formal Vote in accordance VA procedure

- **prEN ISO FDIS 17226-3/IUC 19-3** *Leather - Chemical determination of formaldehyde content – Part 3: Determination of formaldehyde emissions from leather.*

Formal voting closed on 10th April 2011.

- **prEN ISO FDIS 14088/IUC 32** *Leather – Chemical tests – Quantitative analysis of tanning agents by filter method.*

According to a communication from ISO Central Secretariat on February 9th, the English text provided for parallel ISO/FDIS – CEN Formal vote was rejected because there is no composition of hide powder and there is only one supplier for this material. The report of voting and electronic files of the figures is fine.

The experts consider that composition of hide powder is correctly described in clause 4.2. Joan-Carles Castell will rewrite Annex C, adding AIICA and BLC as hide powder suppliers and will send to TC289 Secretariat.

4.3 Documents in parallel CEN/ISO Enquiry in accordance VA procedure

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

5.1 Documents after CEN/ISO Enquiry in accordance with VA procedure

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

The revision of this Standard, as mentioned in the minutes of the Pirmasens Meeting on September 7th 2010, has not been yet been prepared, so discussion is postponed to the next meeting. Kerstin Schulte asked for a Word version so she can make the modifications.

5.2 Draft documents for discussion – further development

- **NWIP Document: *Leather – Chemical tests - Determination of free and ethoxylated nonylphenols in leather***

The document (N. 221) from Dr. Ma (China) was circulated among the expert group. Another method that directly analyses NPEO is in preparation in Germany and will be available for circulation in September. As the next technical meeting is foreseen to be in Valencia, just before the IULTCS Congress that Dr. Ma plans to attend, CEN/TC 289 / IUC expect that Dr Ma will be able to attend the



meeting and discuss his experience and the advantages of his proposal. During the next meeting, experts will discuss, as well, if document will be included as a working item in TC 289 or in TC 309 (including also other shoe materials).

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

CEN/TC 309/WG2 and ISO/TC 216 have drafted a Technical Specification (ISO/DTS 16179) and submitted it to DTS comments. The comments will be discussed during next TC 309 meeting in May in Madrid. After this meeting Joan Carles Castell will send the document to Paola Visintin to be distributed among the TC 289. (See also Section 7 of these minutes.)

6. Review of published standards under IUC/WG1 responsibility

6.1 Decisions on the comments received during systematic reviews

Systematic reviews closed 15. Dec 2010

- **ISO 5398-1:2007/IUC 8-1** *Leather – Chemical determination of chromic oxide content – Part 1: Quantification by titration.*

No comments received. Document is reconfirmed **(ISO Resolution)**

- **ISO 5398-3:2007/IUC 8-3** *Leather – Chemical determination of chromic oxide content – Part 3: Quantification by atomic absorption spectroscopy.*

No comments received. Document is reconfirmed **(ISO Resolution)**

- **ISO 5398-4:2007/IUC 8-4** *Leather – Chemical determination of chromic oxide content – Part 4: Quantification by inductively coupled plasma – optical emission.*

No comments received. Document is reconfirmed **(ISO Resolution)**

- **ISO 5400:1984** *Leather - Determination of total silicon content – Reduced molybdosilicate spectrometric method.*

No technical comments. Document is reconfirmed despite some countries questioning its applicability **(ISO Resolution)**

6.2 Published EN ISO standards currently under ISO Systematic Review process

- **ISO 4044:2008 /IUC 3** *Leather – Chemical tests - Preparation of chemical test samples*

Closes: 15 June 2011

- **ISO 4045:2008 /IUC 11** *Leather – Chemical tests – Determination of pH*

Closes: 15 June 2011

- **ISO 4048:2008 /IUC 4** *Leather – Chemical tests – Determination of matter soluble in dichloromethane and free fatty acid content*

Closes: 15 June 2011

- **EN ISO 17075/IUC 18** *Leather - Chemical tests - Determination of chromium (VI) content*

Closed: 17 March 2011

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

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

Discussions on document N 211 conclude that the proposed method is not reproducible. Other methods have to be proposed. Elisabetta Scaglia will circulate the Italian method for hydroxyproline. Paola Visintin will send a similar method used for meat. Both methods will be discussed at the next meeting.



- NWIP Leather – Chemical tests – Determination of tan content of tanning agents.

Document N 218 was discussed and approved that a NWI be opened and an ISO number assigned. The document will be send as DIS/Enquiry with CEN lead in accordance VA procedure. **(CEN & ISO Resolution)**

- ISO/DTS 16181 - Determination of phthalates in footwear

TC 289 was informed that ISO/TC 216 (& CEN/TC 309) has drafted a Technical Specification and it is currently under Enquiry. Jean-Claude Cannot commented that currently there are two available standard methods under development, one for textiles and one for shoes. He commented that the shoe method is more severe than the textile method.

- ISO/DTS 16179 - Determination of organotin compounds in footwear

TC 289 was informed that ISO/TC 216 (& CEN/TC 309) has drafted a Technical Specification and it is currently under Enquiry. See comments in Section 5.2 of these minutes.

- EN ISO 17234-1/IUC 20-1 Leather - Chemical tests for the determination of certain azo colorants in dyed leathers - Part 1: Determination of certain aromatic amines derived from from azo colorants

Some laboratories have reported false positives for a few amines due to isomeric compositions and low chromatographic resolution. Elisabetta Scaglia and Jean-Claude Cannot will inform Joan Carles Castell which amines show this problem. It was noted that the Standard requires that, in case of a positive result using a chromatographic method, either HPLC or GC, the result needs to be reconfirmed with the other method. It is proposed to add a note for an internal standard to reconfirm positive results by means of spiking the sample. Document shall be modified at the next systematic review.

- NWIP – APEO in leather chemicals. Leather – Chemical tests – Determination of free and ethoxylated alkylphenols in process auxiliaries (new document N. 222).

Refer to Section 5.2 above.

8. Any other business

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

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

9.1 Documents in parallel CEN/ISO Formal Vote in accordance VA procedure

The following 5 revisions of existing Standards (except new Standard ISO 14087) were confirmed by the chairman as ready to go to Formal Vote. [Following the meeting they were sent to ISO on 13 April 2011]:

- prEN ISO FDIS 3376/IUP 6 – *Determination of tensile strength and percentage extension.*
- prEN ISO FDIS 5402-1/IUP 20-1 - *Determination of flex resistance – Part 1: Flexometer.*
- prEN ISO FDIS 14087/IUP 54 – *Determination of flexural properties.*
- prEN ISO FDIS 17186/IUP 41 - *Determination of surface thickness.*
- prEN ISO FDIS 17235/IUP 36 – *Determination of softness.*

The secretary asked the chairman to re-submit following Standard, which was completed September 2009, for Formal voting [this was duly done 13 April 2011]:

- prEN ISO FDIS 26082-2/IUP 53-2 – *Determination of soiling – Part 2: Tumbling method*

The following was confirmed as being out at formal vote and due to close 17 May 2011.

- prEN ISO FDIS 17076-2/IUP 48-2 *Leather – Determination of abrasion resistance – Part 2: Martindale ball plate method.*

9.2 Documents for formal vote after CEN/ISO Enquiry in accordance VA procedure

The following 4 Standards (3 are revisions of existing Standards and ISO 5403-2 is a new Standard) are behind schedule and the secretary said that a time extension should be requested; the meeting agreed that chairman is to revise the final text to incorporate enquiry comments and send to the secretary by end March for submission to formal vote:

- **prEN ISO DIS 3377-1/IUP 40-1** *Leather – Determination of tear load – Part 1: Single edge tear* (CEN & ISO Resolution)
- **prEN ISO DIS 5403-1/IUP 10-1** *Leather – Determination of water resistance of flexible leather – Part 1: Repeated linear compression (penetrometer)* (CEN & ISO Resolution)
- **prEN ISO DIS 5403-2/IUP 10-2** *Leather – Determination of water resistance of flexible leather – Part 2: Repeated angular compression (Maeser)* (CEN & ISO Resolution)
- **prEN ISO DIS 5404/IUP 11** *Leather – Physical test methods - Determination of water resistance of heavy leathers* (CEN & ISO Resolution)

9.3 Revised documents in preparation for DIS / Enquiry

- **prEN ISO 5402-2/IUP 39** *Leather -Determination of flex resistance: Part 2: Vamp flex Method:* the WI for this revision has been deleted due to oversight by the chairman in progressing it. The chairman agreed to review the actions required on this revision and consult with Haiko Schulz regarding a new diagram if required; WG2 will then decide at next the meeting whether or not to re-open the WI in order to continue the revision.
- **prEN ISO 14268/IUP 15** *Leather - Physical and mechanical tests - Determination of water vapour permeability:* this standard is out at enquiry, which closed 21 March 2011.
[The enquiry comments were circulated following the meeting by the secretary on 13th April 2011]

10. Review of published Standards under IUP/WG2 responsibility

10.1 Decisions on the comments received during Systematic Reviews

The enquiry comments for the following standards were reviewed and the secretary completed the Comments sheets during the meeting. The secretary is to send Word versions of these Standards to the chairman and Campbell Page to amend as necessary and return to the secretary for sending to FV.

- **prEN ISO DIS 2419 / IUP 1 & 3** – *Sample preparation and conditioning* (Results: N 446)
Campbell Page to edit the Foreword to indicate where changes have been made. Submit to FV.
(CEN & ISO Resolution)
- **prEN ISO 17076-1/IUP 48-1** *Leather – Determination of abrasion resistance – Part 1: Taber method* (Results: N 445) The Chairman to prepare the text for FV. (CEN & ISO Resolution)
- **prEN ISO 26082-1/IUP 53-1** *Leather – Determination of soiling – Part 1: Martindale method* (Results: N 447) The Chairman will prepare the text for FV. (CEN & ISO Resolution)

10.2 Published EN ISO standards currently under revision

- **EN ISO 3379:1976/IUP 9** *Leather - Determination of distension and strength of grain - Ball burst test*

Awaited comments were received from Italy just prior to the meeting and these are to be circulated by the secretary for discussion at next meeting. It was also agreed to defer the decision on opening of a NWI to the next meeting.



11. Documents currently under discussion

- **prEN ISO xxxx/IUP 55** *Leather – Physical and mechanical tests – Determination of dimensional change*

A revised draft (N 215) was considered by the meeting. The secretary is to ask for an ISO number for WI 289139, which is due to go to enquiry. It was agreed to change the title to "Determination of Dimensional Change" and to amend the Scope to state "...determination of dimensional change (shrinkage) of leathers". Haiko Schulz is to revise the draft incorporating comments made during meeting and send to the secretary for going to DIS Enquiry. **(ISO Resolution)**

12. Proposals for new work items

- **EN ISO 3380 rev./IUP 16** *Leather - Physical and mechanical tests - Determination of shrinkage temperature up to 100°C*

There was much discussion about the proposed revision of this standard (N 214) with regard to the one change that had been incorporated in clause 6.5, but also concerning the width of the test piece (2 or 3 mm wide). However, in the absence of Renate Meyndt, who had drafted it, WG2 was asked to give the draft document further consideration and to provide comment to the secretary to circulate in good time prior to discussion at the next meeting.

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

It was reported that CEN/TC 248 (Textiles and coated textiles) had now published EN 15973 (circulated previously as N154) and it was therefore agreed to drop this item from the agenda. It was agreed to wait to see if there is demand in the future to apply this Standard to leather. If there is, it can be revived at a suitable time.

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 since the last meeting

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14.2 Documents in parallel CEN/ISO Enquiry/DIS according to VA procedure

- **EN ISO 11640:2003/ISO 11640:1993/IUF 450** *Leather – Tests for colour fastness – Colour fastness to cycles of to-and-fro rubbing* (Version 2 of the existing EN ISO Standard)

Status: closes on 25. April 2011.

- **EN ISO 11641:2003/ISO 11641:1993/IUF 426** *Leather – Tests for colour fastness – Colour fastness to perspiration* (Version 2 of the existing EN ISO Standard)

Status: closes on 25. April 2011.

- **EN ISO 11642:1998/ISO 11642:1993/IUF 421** *Leather – Tests for colour fastness – Colour fastness to water* (Version 2 of the existing EN ISO Standard)

Status: closes on 25. April 2011.

- **ISO 20433:2005/IUF 452** *Leather – Tests for colour fastness – Colour fastness to crocking* (Version 2 of the existing ISO Standard.) NWI opened and revised DIS/Enquiry text of ISO Standard accepted by correspondence. The Version 2 updates the ISO text and submission for UAP procedure allows this ISO Standard to also be adopted as an EN Standard.

Status: accepted for circulation as joint DIS/Enquiry.



- **prEN ISO DIS 17131 / IUP 56** *Leather – Identification of leather with microscopy*
NWI opened and initial draft document accepted by correspondence. DIS/Enquiry document submitted and accepted.

Status: accepted for circulation as joint DIS/Enquiry. (Voting closes: 12 Oct. 2011).

15. Review of published standards under IUF/WG3 responsibility

15.1 Decisions on the comments received during ISO Systematic Reviews

(Systematic Reviews closed 15. Dec 2010)

- **ISO 2588:1985** *Leather – Sampling – Number of items for a gross sample*

Decision after reviewing the comments: Agreed to revise this ISO Standard. It has a problem regarding the high number of samples, especially if used for destructive testing. The Standard needs a simplified sampling system to calculate the number of samples. Campbell Page will prepare a proposed revision document for the next meeting. If accepted a NWI will be opened then.

- **ISO 15701:1998 / IUF 442** *Leather – Tests for colour fastness – Colour fastness to migration into plasticised PVC*

Decision after reviewing the comments: revise this ISO Standard since the weight piece of 4,5 kg is now replaced by a 5 kg weight and the PVC composition refers to a restricted chemical substance. Campbell Page will prepare a revision document for the next meeting. A new work item will be opened at that stage.

- **ISO 15702:2007 / IUF 435** *Leather – Tests for colour fastness – Colour fastness to machine washing*

Decision after reviewing the comments: re-confirm this ISO Standard. **(ISO Resolution)**
Comments about reproducibility and repeatability data and removal of specific standard atmosphere were noted. Precision data for the 5 step grey scale and removal of the standard atmosphere values in parenthesis will be included at the next update.

- **ISO 15703:2007 / IUF 423** *Leather – Tests for colour fastness – Colour fastness to mild washing*

Decision after reviewing the comments: re-confirm this ISO Standard. **(ISO Resolution)**
Comments about reproducibility and repeatability data and removal of specific standard atmosphere were noted. Precision data for the 5 step grey scale and removal of the standard atmosphere values in parenthesis will be included at the next update.

Progress of revisions from Systematic Reviews in previous meetings

- **EN ISO 11646:1993** *Leather - Measurement of area*

Revised document (N 219) was circulated and accepted with modifications. This is a small modification of the existing EN ISO 11646 and specifies only one standard atmosphere. The new version of EN ISO 2419 allows conditioning of leather at 3 different standard atmospheres and the area measurement results will vary depending on the conditions used.

A NWI will be opened and Campbell Page will complete the modifications discussed and document submitted to a joint CEN/ISO inquiry. **(CEN & ISO Resolution)**.

- **EN ISO 17228:2005/IUF 412** *Leather – Tests for colour fastness – Change in colour with accelerated ageing*

A revision proposal is to be proposed for the next meeting. The current work item has expired. A new WI will be requested when a new document is ready.



16. Proposals for new work items & any other business

- NWIP Proposal "*Leather - Determination of surface reflectance*"

Revised document (N. 217) was circulated and accepted with modifications.

A NWI will be opened and Campbell Page will complete the modifications discussed and document submitted to a joint CEN/ISO inquiry. **(CEN & ISO Resolution)**

- NWIP Proposal - Measurement of surface area of leather using optical-electronic

methods. A working document (N. 220) was submitted by Germany and circulated just before the meeting. Unfortunately this document was circulated with an "ISO DIS 11646" cover page and title. This cover page was a mistake; the document circulated is only a committee working document and is not a draft Standard.

Shortly before the meeting it was reported by the TC 289 Chairman that 2 countries already have Standards on optical-electronic measurement of the surface area of leather, namely Spain UNE 59-050-93 (Apr. 1993) and Italy UNI 11380 (Sept. 2010).

Elisabetta Scaglia offered to translate the Italian Standard and it was decided to review the 2 documents, (N.220) and the translated Italian Standard, to see if a suitable document can be prepared and progressed.

17. Any other business

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Continuation of combined meeting: WG 1, WG 2 & WG 3 and IUC, IUP & IUF

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

It was agreed that all the CEN & ISO Resolutions would be submitted to the TC 289 Plenary meeting and circulated after the meeting. The Resolutions (both the CEN & ISO Resolutions as well as the ISO Resolutions) from the meeting are attached to these minutes.

19. Any other general CEN/TC 289 and IU Commission business

None

20. Date and location of next combined meeting

The next combined meeting of CEN/TC 289 WG1/2/3 – IULTCS will be held on Tuesday, 27th September, 2011 at Valencia, Spain.

This coincides with the IULTCS International Leather Congress, which starts in Valencia on the 28th September. Joan Carles Castell will advise of the meeting location in Valencia once it is finalised.

(A CEN/TC 289/WG4 meeting will be held on the afternoon of Monday, 26th September 2011 in Valencia.)

Advance notice for 2012 meeting: The next Plenary meeting of CEN/TC 289 will be on **Wednesday, 14th March 2012** at UNIC in Milan, Italy. Therefore it was decided to hold the combined CEN/TC 289/WG1, WG2 & WG3 and IULTCS Commission meeting on the **Tuesday, 13th March 2012** in Milan.

Please note these dates in your agenda.

J.C. Castell / M. Wilson / C. Page
10. May 2011



Resolutions of combined meeting of:

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

Milan, Thursday 15th March, 2011

Joint ISO & CEN Resolutions:

Resolution 1

Proposal for a new work item to revise the recently published Standard to include "boron":

EN ISO 17072-1 / IUC 27-1 *Leather – Chemical tests – Part 1: Determination of extractable metal content in leather*

Resolution 2

Proposal for a new work item to revise the recently published Standard to include "boron":

EN ISO 17072-2 / IUC 27-2 *Leather – Chemical tests – Part 1: Determination of total metal content in leather*

Resolution 3

Proposal for a new work item (CEN lead) and submit draft document for DIS Enquiry:

prEN ISO DIS xxxxx / IUC 33 *Leather – Chemical tests – Determination of tan content of tanning agents*

Resolution 4

Proposal for circulation of document to ISO FDIS / CEN Formal vote following amendment based on comments received by the committee:

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

Resolution 5

Proposal for circulation of document to ISO FDIS / CEN Formal vote following amendment based on comments received by the committee:

prEN ISO DIS 5403-1 / IUP 10-1 *Leather – Water resistance of flexible leather – Part 1: Linear compression method (Penetrometer)*

Resolution 6

Proposal for circulation of document to ISO FDIS / CEN Formal vote following amendment based on comments received by the committee:

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

Resolution 7

Proposal for circulation of document to ISO FDIS / CEN Formal vote following amendment based on comments received by the committee:

prEN ISO DIS 5404 / IUP 11 *Leather – Physical and mechanical test methods - Water resistance of heavy leather*

Resolution 8

Proposal for circulation of document to ISO FDIS / CEN Formal vote following amendment based on comments received by the committee:

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



Resolution 9

Proposal for circulation of document to ISO FDIS / CEN Formal vote following amendment based on comments received by the committee:

prEN ISO DIS 17076-1 / IUP 48-1 *Leather – Determination of abrasion resistance – Part 1: Taber method*

Resolution 10

Proposal for circulation of document to ISO FDIS / CEN Formal vote following amendment based on comments received by the committee:

prEN ISO DIS 26082-1 / IUP 53-1 *Leather – Determination of soiling – Part 1: Martindale*

Resolution 11

Following an ISO systematic review, a revision of an existing EN/ISO/IU Standard was agreed. Open a new work item (CEN lead) and submit document to DIS Enquiry:

EN ISO 11646 / IUP 32 *Leather – Measurement of area*

Resolution 12

Proposal for a new work item (CEN lead), assign ISO number and submit document to DIS Enquiry:

prEN ISO DIS xxxxx / IUP 56 *Leather – Determination of surface reflection*

ISO only Resolutions

Resolution 13

Following an ISO systematic review and after reviewing the comments received, it was agreed that the ISO Standard be **re-confirmed** for a further time period.

ISO 5398-1:2007 / IUC 8-1 *Leather – Chemical determination of chromic oxide content – Part 1: Quantification by titration.*

Resolution 14

Following an ISO systematic review and after reviewing the comments received, it was agreed that the ISO Standard be **re-confirmed** for a further time period.

ISO 5398-3:2007 / IUC 8-3 *Leather – Chemical determination of chromic oxide content – Part 3: Quantification by atomic absorption spectroscopy.*

Resolution 15

Following an ISO systematic review and after reviewing the comments received, it was agreed that the ISO Standard be **re-confirmed** for a further time period.

ISO 5398-4:2007 / IUC 8-4 *Leather – Chemical determination of chromic oxide content – Part 4: Quantification by inductively coupled plasma – optical emission.*

Resolution 16

Following an ISO systematic review and after reviewing the comments received, it was agreed that the ISO Standard be **re-confirmed** for a further time period.

ISO 5400:1984 *Leather - Determination of total silicon content – Reduced molydosilicate spectrometric method.*

Resolution 17

Following an ISO systematic review and after reviewing the comments received, it was agreed that the ISO Standard be **re-confirmed** for a further time period.

ISO 15702:2007 / IUF 435 *Leather – Tests for colour fastness – Colour fastness to machine washing*



Resolution 18

Following an ISO systematic review and after reviewing the comments received, it was agreed that the ISO Standard be **re-confirmed** for a further time period.

ISO 15703:2007 / IUF 423 *Leather – Tests for colour fastness – Colour fastness to mild washing*

Resolution 19

CEN WI00289139. The document is now ready for a joint ISO/CEN DIS Enquiry (CEN lead). Assign an ISO number.

ISO xxxxx / IUF 55 *Leather – Physical and Mechanical tests – Determination of dimensional change*

Additional comments:

Following ISO Systematic reviews in 2010, based on the comments received it was decided the following ISO Standards will be revised:

ISO 2588:1985 *Leather – Sampling – Number of items for a gross sample*

ISO 15701:2007 / IUF 442 *Leather – Tests for colour fastness – Colour fastness to migration into plasticised PVC*

Once a revised draft document is ready a NWI will be requested.

Old Standards like ISO 2588 will need to be text scanned to create a workable text version and put in the new format.



Assignment of Exploitation Rights

Including the 'List of Participants'

Date(s) of meeting: 2011-03-16

Place of meeting MILAN

* CEN/TC 289 Title Leather

Secretary: (name) Paola Visintin NSO UNI

* CEN/TC...../SC..... Title

Secretary: (name) NSO

* CEN/TC...../WG..... Title

Convenor: (name) Country

* Other structure CEN..... Title

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(* Only complete that part which is appropriate)

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LEPRETRE Anne Laure	ALL		18.03.11	AFNOR	F	CTC	-
PAGE Campbell	CP		16.03	SNV	CH	TFL	-
GAIÃO, JAQUIM	JG		16.03	IPQ	PT	CTIC	-
Pedro Helms	PL		16.03	IPQ	PT	CTIC	-
J.C. CASTELL	J.C.C		16.3	AFNOR	Spain	AIICA	-
Mona Karlsson	MK		16/3.11	SIS	SE	SIS	
SANDRO MILANESE	SM		16/03/11	UNI	I	ACQUAC	-

¹ Nominating organization = Name of the CEN member organization or liaison organization represented.

² Employer = Organization of which the expert is an employee.

³ Sponsor = Organization funding the expert in this standardization activity. If the sponsor is the same as the employer, please write 'SAME'

CEN/TC 289

Date: 2011-03-16

Place: MILAN

List of assignees

Name	Initials	Signature	Date	Nominating organization ¹	Country	Employer ²	Sponsor ³
M. P. L. Wilson	MP.	<i>M. P. L. Wilson</i>	16/3/11	BSEI	UK	SARDA	SARDA/ISI
PAREZZA CAMPI	C	<i>Pa. Campi</i>	26-3-11	UNI-TC 289/Ass	IT	UNI	
PAOLA VISINTIN	PV	<i>Paola Visintin</i>	16/03/11	UNI-TC 289	IT	UNI	—
GUSTAVO G. QUIJANO	GGQ	<i>G. Quijano</i>	16/03/11	TC 289 Chair	EU	COTANCE	—