Draft Minutes and Resolutions of combined technical meeting of:

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

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

Date: 22nd September 2016

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General Issues Related to IU Commissions & CEN Working Groups

1. Welcome and agreement of agenda
The Chairs, Karine Lio, Mike Wilson and Campbell Page welcomed everyone to the meeting. They thanked UNIC for providing the facilities and meeting room.

The experts signed the Attendance list, a copy is attached at the end.

2. Approval of the minutes of the last meeting
The draft minutes (N 243) of the last meeting held at Milan, Italy, 7th & 8th March, 2016, had been circulated prior to the meeting. The minutes were approved unanimously.

3. Other IU Commission / CEN TC 289 business

Meeting of CEN TC 289/WG1 and IUC Commission

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

4.1 New EN and ISO standards
The following two standards were published in April 2016

- **EN ISO 19070 / IUC 34** Leather – Chemical tests – Determination of N-methylpyrrolidone in leather.
- **EN ISO 19071 /IUC 35** Leather – Chemical tests – Determination of Cr(VI) and its reductive potential in chromium tanning agents.
4.2 Documents in parallel CEN/ISO Formal Vote
The following three standards have been approved for formal vote

- **FprEN ISO/FDIS 4044 (revision) / IUC 3**  
  Leather – Chemical tests – Preparation of chemical test samples  

- **FprEN ISO/FDIS 17075-1 / IUC 18-1**  
  Leather – Chemical determination of chromium (VI) content – Part 1: Quantification by colorimetric method  

- **FprEN ISO/FDIS 17075-2 / IUC 18-2**  
  Leather – Chemical determination of chromium (VI) content – Part 2: Quantification by ion chromatography  

- **FprEN ISO/FDIS 20136 / IUC 37**  
  Leather – Determination of degradability by microorganisms  

- **FprEN ISO/FDIS 20137 / IUC 36**  
  Leather – Chemical tests – Guidelines for testing critical chemicals in leather  

4.3 Documents in parallel CEN/ISO Enquiry

- **ISO 4098:2006 (revision) / IUC 6**  

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

5.1 Documents after CEN/ISO Enquiry
None

6. Review of published standards under WG1/IUC responsibility

6.1 Decisions on the comments received during ISO systematic reviews
Systematic reviews for the following ISO Standards closed on the 15. June 2016.

- **ISO 5398-1:2007 (Vers. 2) / IUC 8-1**  
  Leather – Chemical determination of chromic oxide content - Part 1: Quantification by titration  
  7 countries agreed to re-confirm, France proposed to revise and 2 countries abstained. Only technical comment from France was "Update ". K Lio explained what means "update" : Change “grinding according to 4044” by “preparing according to 4044”. The decision was taken to revise this ISO standard and K Lio will prepare a revised document for next meeting in March.
- ISO 5398-3:2007 (Vers. 2) / IUC 8-3  Leather – Chemical determination of chromic oxide content - Part 3: Quantification by atomic absorption spectrometry
6 countries agreed to re-confirm, France proposed to revise and 3 countries abstained. Only technical comment from France was "Update ". K Lio explained "update" : Change "grinding according to 4044" by "preparing according to 4044". The decision was taken to revise this ISO standard and K Lio will prepare a revised document for next meeting in March.

- ISO 5398-4:2007 (Vers. 2) / IUC 8-4  Leather – Chemical determination of chromic oxide content - Part 4: Quantification by inductively coupled plasma - optical emission spectrometer (ICPOES)
6 countries agreed to re-confirm, France proposed to revise and 3 countries abstained. Only technical comment from France was "Update and inclusion of a new technology (ICP-MS) ". The decision was taken to revise this ISO standard and K Lio will prepare a revised document for next meeting in March.

6 countries agreed to re-confirm and 4 countries abstained. Several countries indicated no interest in this Standard. It is only an ISO Standard. The decision was taken to re-confirm this ISO standard

- ISO 13365:2011 / IUC 29  Leather – Chemical tests - Determination of the preservative (TCMTB, PCMC, OPP, OIT) content in leather by liquid chromatography
6 countries agreed to re-confirm, Germany and Italy proposed to revise and 2 countries abstained. Technical comment from Germany was "We propose to revise the Standard and to include 2-MBT as a breakdown product of TCMTB ". Italy commented "The present text shall be technically updated ". The decision was taken to revise this ISO standard by changing “grinding according to 4044" by “prepare according to 4044" and adding a note "This method can also be used for determining breakdown products of the fungicides". Add new technique - Italy to present a revised document at the next meeting.

- ISO 17072-1:2011 / IUC 27-1  Leather – Chemical determination of metal content -- Part 1: Extractable metals
6 countries agreed to re-confirm, France and Italy proposed to revise and 2 countries abstained. Technical comment from France was "Update the metal list, improvement, mineralization and inclusion of a new technology (ICP-MS) ". Technical comment from Italy "This Standard shall be technically updated ". After discussion, the list will not be updated but in an annex the quantification limits reachable could be added. K Lio will prepare a revised document for next meeting in March in coordination with Italy.

6 countries agreed to re-confirm, France and Italy proposed to revise and 2 countries abstained. Technical comment from France was "Update the metal list, improvement, mineralization and inclusion of a new technology (ICP-MS) ". Technical comment from Italy "This Standard shall be technically updated ". After discussion, the list will not be
updated but in an annex the quantification limits reachable could be added. K Lio will prepare a revised document for next meeting in March in coordination with Italy.

7 countries agreed to re-confirm, France proposed to revise and 2 countries abstained. Only technical comment from France was "Datas need to be revised ". K Lio said that CTC work on the part 1 of this standard and she will propose two revised documents for the next meeting.

Systematic reviews for the following ISO Standards closed on the 15. September 2016.

- ISO 4045:2008 (Ed 2, Vers. 2) / IUC 11 Leather – Chemical tests - Determination of pH
8 countries agreed to re-confirm, France proposed to revise and 1 country abstained. The decision was taken to revise this ISO standard and K Lio will prepare a revised document for next meeting

- ISO 4048:2008 (Ed 2, Vers. 2) / IUC 4 Leather – Chemical tests - Determination of matter soluble in dichloromethane and free fatty acid content
7 countries agreed to re-confirm, France proposed to revise and 2 countries abstained. The technical comment from France proposed that a single test be allowed. H.Schultz proposed that instead of “two samples shall be tested” to put in the standard “if it’s possible two test specimens shall be tested”
The decision was taken to revise this ISO standard and K.Lio will prepare a revised document taking into account the remarks for next meeting

7 countries agreed to re-confirm, France proposed to revise and 2 countries abstained. The technical comment from France noted that if it is decided to revise ISO 17226-2, which is currently undergoing a systematic review (see 6.2), then ISO 17226-3 will also need revising.
The decision was taken to revise if it’s necessary after the same time as ISO 17226-1 and -2 reviews are completed in December 2016.

6.2 Published EN ISO standards currently under ISO systematic revision process
Systematic reviews for the following ISO Standards have opened and will close on the 5th December 2016.


Italy will prepare revised documents for next meeting for Part 1, Part 2 and Part 3 taking into account the comments of Joaquim Font Vallès. Some additional comments could be added after the results are received from the systematic review for Parts 1 and 2.
7. Work item progress and proposals for new work items & comments received since the last meeting

7.1 Progress of work items and proposals for new work items

- **prEN ISO/CD 20699**  Leather - Pre-ageing for chemical determination of hexavalent chromium.

  K. Lio presented the first results of the interlaboratory trial (ILT).

  A draft has been discussed and TC 289/WG1 will propose the document for the next joint meeting with TC 309/WG2 on 19th October in Madrid.

  **Minutes of combined meeting with CEN/TC 209/WG2 on 19th October in Madrid:** see p. 10 of these minutes

  Key points:
  - Wording for Draft document agreed
  - Change of Standard number to **EN ISO 17075-3** agreed

  After revisions decided at the meeting and the addition of an Annex with ILT results, the following documents are available:
  - See N068 : Draft joint meeting 19 October 2016 Madrid

- **New working item**  Leather — Chemical tests – Determination of pesticides in leather

  (Document N44 and presentation N52 in the CEN/TC289/WG1 LiveLink e-committee.) At the last meeting it was agreed to activate a work item for this topic using the draft document submitted by China. After the meeting CEN/TC 289 Secretariat circulated by correspondence a new CEN work item proposal. While 88% of the respondents agreed with the topic becoming a new work item, unfortunately only 4 CEN countries proposed experts to work on this topic (at least 5 are required). This means for CEN the work item proposal cannot proceed.

  The decision was taken to proceed with an ISO lead. China mentioned they had an updated version of the document. This updated document will be submitted to ISO. Campbell Page will see with Paola Visintin.


  Some confusion has resulted in a delay in getting the revision of EN ISO 18218-2 started. Normal practise for reviews is that they have ISO lead. In this case the resolution from the last meeting specified a CEN lead. Since it is a review, CEN have asked ISO for a project/work item number but ISO have not been requested by IULTCS / CEN/TC 289 to open a project number.

  Background  **UK have noted an error in EN ISO 18218-2. Section 7.1 refers to calibration for OP and NP. The external calibration standards are prepared in hexane. For the GC-MS analysis an internal standard is added to the calibration standards, however the internal standard 5.13 is in acetonitrile. These 2 solvents are not miscible. A correction is required ISO and CEN now have project numbers and K.Lio could make the change in the standard according to the recommendations of UK. To proceed to DIS Enquiry.**
- **New working item**  
  **Leather – Chemical tests – Determination of p-Phenylenediamine content by gas chromatography-mass spectrometry**

At the last meeting Dr Chen Xuecan from China presented a draft document for the analysis of p-Phenylenediamine in leather. According to the experts, it’s very difficult to see the p-Phenylenediamine with GC/MS. The group proposed to China to update the document for next meeting:

- Put GC/MS chromatogram in document and not the LC/DAD chromatogram;
- To present results of the validation and optimization.

- **New working item proposal**  
  **Leather – Chemical tests – Determination of chlorinated hydrocarbons in leather — Chromatographic method for middle chain chlorinated paraffins (MCCP)**

O. Haubrich from PFI presented a draft for determination of MCCP. Everybody agreed to activate a new work item and proceed to DIS Enquiry.

- **New working item proposal**  
  **Leather – Chemical tests – Determination of short chain chlorinated hydrocarbons (SCCP) in leather — indirect method**

Dr Ma, China proposed an indirect method in order to analyse SCCP and MCCP. Experts had some comments about this method:

- the FID detector is not selective enough
- the GC liner with Pd is not commercially available; each lab would have to prepare it and it’s not easy for the lab.
- the results tables of O. Haubrich comparing direct and indirect methods show that the results with indirect method are not consistent, the indirect method creates false positive results. Even if we subtract the concentrations found using a liner without Pd from the concentrations found using a liner with Pd, we do not obtain the same results as the direct method (ISO 18219).

This method is not practical. The decision was taken not to open a new work item. K. Lio will answer to Dr Ma in order to explain the decision of the WG1.

- **New working item proposal**  
  **– analysis of perfluorinated chemical substan**

Currently the CEN/TS 15698:2009 *Determination of extractable perfluorooctanesulfonate (PFOS) in coated and impregnated solid articles, liquids and fire-fighting foams - Method for sampling, extraction and analysis by LCMS/MS or LC-MS* is used for determining perfluorinated chemical substances in many substrates. However, more and more tanneries are reporting results that do not make sense. This method does not give reliable results for leather at the low trace levels. One problem is the requirement to report results in “µg/m²” and not in “ppm”. Using a typical mass of 1000 g/m² for leather means the analytical results on a mass basis are in “ppb”. By comparison textiles – due to their lower mass per m² – on a mass basis are analysed in “ppm”. The CEN/TS 15698 procedure is strongly biased against leather and requires the reporting of results much lower for leather compared with textiles.

Gustavo Gonzales and Campbell Page reported they have seen many, many inconsistent analytical results reported from multiple analyses of the same leather at different stages. The values reported are typically in the very low end range of 0 – 100 µg/m², if converted to ppm the same results would all be in compliance with the 1 ppm limit. The false positive results came from the requirement to report results in “µg/m²”, clearly leather needed to be reporting in “ppm” instead.
Gustavo reported he had made contact with the CEN/TC 382 Secretariat that prepared the CEN/TS 15698. This TC has been dormant since the TS was published in 2009, there seemed little interest in re-activating the TC.

Karine Lio reported the CEN/TC 248 Textiles were preparing their own version to replace the CEN/TS 15698 method. The first draft versions exist and on checking the textile draft method she noted they still included a reference to leather. The committee decided that leather needed to activate a working item on this topic and prepare a working draft as soon as possible. Karine would check what the next step was with the textile draft and request that they removed any reference to leather. Campbell & Karine said they would look at preparing a leather draft document similar to the textile draft but with results reported in “ppm” and not in terms of area. If possible it should be available by the next meeting.

**Meeting of CEN TC 289/WG2 and IUP Commission**

9. **Progress of active work items (WG2/IUP)**

9.1 **New EN and ISO standards**

The following five standards were published in March 2016:

- ISO 2417:2016 (3rd ed.) /IUP 7
  Leather -- Physical and mechanical tests -- Determination of the static absorption of water

- ISO 2589:2016 (3rd ed.) /IUP 4
  Leather -- Physical and mechanical tests -- Determination of thickness

- ISO 3377-2:2016 (2nd ed.) /IUP 8
  Leather -- Physical and mechanical tests -- Determination of tear load – Part 2: Double edge tear

- ISO 17229:2016 (2nd ed.) /IUP 42
  Leather -- Physical and mechanical tests -- Determination of water vapour absorption

- ISO 17236:2016 (2nd ed.) /IUP 43
  Leather -- Physical and mechanical tests -- Determination of extension set

9.1.1 **Re-confirmed ISO standards after systematic review**

No further action required:

- ISO 17071:2006 / IUP 46 Leather – Physical and mechanical tests – Determination of fogging characteristics


- ISO 17230:2006 / IUP 45 Leather – Physical and mechanical tests – Determination of water penetration pressure
9.2 Documents in parallel CEN/ISO Formal Vote

The following six standards have been approved for Formal Vote:

- **FprEN ISO/FDIS 2418 (Ed 2)/IUP 2** (CEN WI 00289174)
  Leather -- Chemical, physical and mechanical and fastness tests -- Sampling location

- **FprEN ISO/FDIS 2420 (Ed 2)/IUP 5**
  Leather -- Physical and mechanical tests -- Determination of apparent density
  FDIS formal vote starts on 24.09.2016, closes on 20.11.2016

- **FprEN ISO/FDIS 5402-1 / IUP20**
  Leather – Determination of flex resistance - Part 1: Flexometer method
  FDIS formal vote starts on 23.09.2016, closes on 19.11.2016

- **FprEN ISO/FDIS 17232 / IUP 38**
  Leather – Physical and mechanical tests – Determination of heat resistance of patent leather
  FDIS formal vote starts on 7.10.2016, closes on 02.12.2016

- **FprEN ISO/FDIS 17233 /IUP 29**
  Leather -- Physical and mechanical tests -- Determination of cold crack temperature of surface coatings
  FDIS formal vote starts on 06.10.2016, closes on 01.12.2016

- **FprEN ISO/FDIS 23910 / IUP 44**
  Leather - Physical and mechanical tests – Determination of stitch tear resistance
  FDIS formal vote starts on 24.09.2016, closes on 20.11.2016

9.3 Documents in parallel CEN/ISO Enquiry

- none

10. Discussion on active work items (WG2/IUP)

10.1 Documents after CEN/ISO Enquiry to progress to formal vote

- none

10.2 New Work Items for discussion and to progress to CEN/ISO Enquiry

- none

11. Review of published standards under WG2/IUP responsibility

11.1 Decisions on the comments received during ISO systematic reviews

- **ISO 17231:2006 / IUP 37** Leather – Physical and mechanical tests – Determination of water repellency of garment leather
  The systematic review closed on 15th December 2015. USA commented: *It would be good to update Annex A with better photographs of the grading criteria.* Mike Wilson reported his subsequent contact with AATCC and presented a revised document (N027) incorporating better quality photos received from AATCC, modified references to AATCC as requested by AATCC and some minor editorial changes to bring in line with current ISO standards format. No technical changes were made.
  The meeting approved the changes and confirmed the decision to revise the ISO Standard.
The convener is to forward the draft to Campbell Page. IULTCS has to register the official revision with ISO as the VA gives the lead to ISO.

Systematic review closed on 17th September 2016. No comments were received thus the decision was taken to re-confirm this ISO Standard.

11.2 Published EN ISO standards currently under ISO systematic revision process

12. Proposals for new work items

- Revision of EN ISO 26082-1:2012 / IUP 53-1 Leather - Physical and mechanical tests - Determination of soiling - Part 1 - Rubbing (Martindale) method
Haiko Schultz gave a short presentation of results from German lab trials that they had undertaken and made two proposals:
   a) to incorporate a soiling cleaning method using the Veslic rub tester, and
   b) substitute ISO 105-A02/A05 as better methods for assessing colour change than A03/A04.
Rosario Mascolo supported the first proposal but saw problems with the second. After further discussion round the table it was agreed that Haiko and Rosario would together draft a revised document adopting the first proposal before sending to the convener to circulate to WG2 for consideration and discussion at the next meeting.

- Revision of EN ISO 2419:2012 / IUP 1 & IUP 3 Leather -- Physical and mechanical tests – Sample preparation and conditioning
In the absence of a proposal/draft from BLC it was agreed to delete this item which had rolled over for several meetings.

13. Any other business for WG2/IUP

- none

Meeting of CEN TC 289/WG3 and IUF Commission

14. Progress of active work items (WG3/IUF) (For information only)

14.1 New EN and ISO standards

- EN ISO 19076 / IUP 58 Leather - Measurement of leather surface – Using electronic techniques
  Published in August 2016

14.1.1 Re-confirmed ISO standards after systematic review

- EN ISO 15700:1998 / IUF 420 Leather – Tests for colour fastness – Colour fastness to water spotting

14.2 Documents in CEN/ISO formal vote

14.3 Documents in CEN/ISO Enquiry/DIS vote
15. Discussion on active work items (WG3/IUF)

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

15.2 New Work Items for discussion and to progress to CEN/ISO Enquiry

- NWIP  Leather – Colour measurement of finished leather

Gustavo Defeo has revised the document proposed by Spain on how to measure the colour co-ordinates of leather, including leather sample preparation for colour measurement. Also Gustavo Defeo has prepared an additional introductory document on colour measurement. The meeting agreed accept the draft documents and to activate a work item. The introductory document should be incorporated in the Standard, preferably as an introduction or an Annex.

The documents N39 and N40 are available on the WG3 e-committee.

16. Review of published standards under WG3/IUF responsibility

16.1 Decisions on the comments received during ISO systematic reviews

- EN ISO 15702:1998 (Vers. 3) / IUF 435  Leather – Tests for colour fastness – Colour fastness to machine washing

Systematic review closed on 15th June 2016. 6 countries agreed to re-confirm, UK proposed to revise and 3 countries abstained. 10 technical comments from UK relating to test equipment and detergents.

The intention was to discuss the comments and decide if ISO Standard is re-confirmed or revised. Unfortunately there was only one expert in this topic, so a discussion was not possible. The meeting asked Campbell Page to prepare possible answers to the comments for the next meeting.

- EN ISO 15703:1998 (Vers. 3) / IUF 423  Leather – Tests for colour fastness – Colour fastness to mild washing

Systematic review closed on 15th June 2016. 6 countries agreed to re-confirm, UK proposed to revise and 3 countries abstained. 6 technical comments from UK relating to test equipment and detergents.

The intention was to discuss the comments and decide if ISO Standard is re-confirmed or revised. Unfortunately there was only one expert in this topic, so a discussion was not possible. The meeting asked Campbell Page to prepare possible answers to the comments for the next meeting.

16.2 Published EN ISO standards currently under ISO systematic revision process

17. Proposals for new work items

- NWIP  Revision of EN ISO 11640:2012 / IUF 450  Leather – Tests for colour fastness — Colour fastness to cycles of to-and-fro rubbing

Haiko Schulz noted that in clause 7.7 of the EN ISO 11640 Standard there are 2 points where some confusion can arise and it is best to clarify the meaning by revising the Standard. A proposed revised document (N41) has been submitted and is available on the
WG3 e-committee.
The meeting decided to open a new project to revise this Standard.

18. Any other business for WG3/IUF

Gustavo Gonzales inquired about follow up activities regarding the area measurement of leather. He noted we needed new reference methods for area measurement and the agreement was that once the EN ISO 19076 was published, we would look at replacing the mechanical technique in the ISO 11646 Area Measurement Standard with one of the electronic measurement procedures in the new ISO 19076.

To have such a discussion requires the involvement of representatives from the tanners such as ICT and the leather machinery industry. Campbell proposed to contact ICT to request a representative could attend the next meeting.


20. Any other business for WG1/IUC, WG2/IUP and WG3/IUF

21. Date and location of next meeting

- Tuesday, 7th March 2017 at UNIC, Milan, Italy,
followed on 8th March by CEN/TC 289/WG4 and the CEN/TC 289 Plenary meeting.

Please contact the respective Convenor/Chairman for changes / updates to the Agenda.

Convenors/Chairmen
Karine Lio (WG1/IUC) klio@ctcgroupe.com
Mike Wilson (WG2/IUP) mikew@satra.co.uk
Campbell Page (WG3 / IUF) campbellpage3@gmail.com
Minutes and Resolutions of combined technical meeting of:

**CEN TC 289/WG1 & IUC and CEN TC 309/WG2**

Held at: AENOR
Madrid, Spain

Date: 19th October 2016

1. Opening of the meeting

Attendance list:

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Mr. Cannot express his and the group’s thanks to AENOR and INESCOP who organized this meeting in Madrid.

2. Adoption of the agenda

The document TC309 WG2 N339 - TC216 WG2 N001 is accepted.
3. Discussion on the Chromium VI ageing interlaboratory trial (ILT)

Conclusions of the ILT, see document CEN/TC 289/WG1 N066

The Interlaboratory trials provided good results, no wrong assessments with 5 leathers, 3 preparations and 7 labs (only 2 exclusions for 96 results)

Thermal effect seems to be slightly more severe but for finished leather the results with thermal and light ageing are very close (leather C)

The variation in results for light ageing are slightly better than for thermal ageing. The dispersion of results for light is smaller.

The leathers react as we imagine

Campbell Page proposes to add some information about the different leathers tested. What is the good practice, the color of the leather, the iodine value (degree of unsaturation of the oil).

These changes will be done by CEN TC 289 WG1 convener and a version 2 of the report will be sent.

Karine Lio notes the organization of the ILT is not to see which ageing is the more severe but which one is more repeatable and gives results closer to the reality. CTC have some data on some leather concerning the natural ageing of the leather (18 months in an ambient conditions). Campbell Page proposes to add this information in the report.

Regarding to this ILT, all the experts agree not to include light ageing in the standard. Thermal ageing seems to be sufficient to anticipate the evolution of CrVI in leather. Light ageing works but the equipment is expensive and in most test labs it is already occupied for long time periods with light fastness testing. The low capacity of the equipment means you can’t launch a lot of samples at the same time.

4. Presentation of the proposal of TC289 WG1 and the TC309 WG2
See documents CEN/TC 289/WG1 N065-067

After discussions, the proposal from TC309 WG2 has been modified and the main changes are

- The two conditions A1 and A2 are now (80°C HR<10% and 60°C HR<20%) due to physical properties
- To cut and weigh the leather only before ageing
- To limit the manipulation of the leather after ageing by using an appropriate vessel so the ageing and extraction can be made in the same vessel. Jean Claude Cannot noted that the purpose of this precaution is to avoid possible oxidation and creation of CrVI.
- To cool the leather after ageing at least for 2 hours but in a desiccator or by closing the vessel with the stopper. The purpose is the same as in the previous remark.
- To change the title from just the “thermal pre ageing” procedure to include the continuation onto the CrVI determination, making the title “thermal pre ageing and CrVI determination”
- To introduce this standard as part 3 of EN ISO 17075.

The revised document TC309/WG 2 N341 / ISO/TC216/WG2 N003 / CEN/TC289/WG1 N069 was circulated after the meeting.
All experts agreed with the new document. Karine Lio and Jean Claude Cannot prepare an Annex with the results of the ITL and send the document to Campbell Page. He will do the correspondence with ISO and CEN in order activate the work item and to gain time with the public enquiry and to launch it as soon as possible.

A new joint meeting to discuss on the comments of the public enquiry could be in September next year at the same time as the TC289 WG1.

The standardization work (enquiry, vote, publication) will be done in the Leather Technical Committees (IUC & CEN/TC 289/WG1).
CEN and ISO Resolutions
Combined WG 1/IUC, WG 2/IUP and WG 3/IUF meeting,
UNIC, Milan, 22nd September 2016

WG 1 / IUC - Combined CEN and ISO Resolutions

1) - New working item proposal  Leather – Chemical tests – Determination of chlorinated hydrocarbons in leather — Chromatographic method for middle chain chlorinated paraffins (MCCP)

Germany has submitted a draft document on this topic. The committee decided to proceed to activate a new work item with CEN lead and when approved submit the document to joint Enquiry DIS.

WG 3 / IUF - Combined CEN and ISO Resolutions

2) - New working item proposal  Leather – Colour measurement of finished leather

The document submitted by Spain has been revised by Gustavo Defeo and it was agreed to activate a new work item (CEN lead) and send the revised document to a joint DIS Enquiry.
ISO only Resolutions –
Decisions from IULTCS (IUC, IUP & IUF) meeting
UNIC, Milan, 22nd September 2016

Resolutions to open a new ISO work projects

1) ISO/NP 17075-3 / IUC 18-3 (previously ISO/CD 20699)
Leather — Chemical determination of chromium (VI) content in leather — Part 3: Thermal pre-ageing of leather and determination of hexavalent chromium
Meeting approved the opening of a new project, 8 countries agree to support this project. Draft document for DIS stage is ready.
Decision to make a Part 3 for ISO 17075 and to delete the original ISO project number ISO 20699.

2) New working item (IUC 39) Leather – Chemical tests – Determination of pesticides in leather
Meeting approved the opening of a new project, 8 countries agree to support this project. China is preparing a draft document for the DIS stage.

Open new work projects for revision of existing Standards

3) Revision of ISO 17231:2006 / IUP 37 Leather – Physical and mechanical tests – Determination of water repellency of garment leather
After a systematic review in 2015 it was decided to upgrade the diagrams with better quality photos and some minor editorial corrections.
The revised document is now ready and the meeting decided to open a new project to revise this Standard. All 8 countries present supported this decision.

4) Revision of EN ISO 11640:2012 / IUF 450 Leather – Tests for colour fastness — Colour fastness to cycles of to-and-fro rubbing
In clause 7.7 of the EN ISO 11640 Standard there are 2 points where some confusion can arise and it is best to clarify the meaning by revising the Standard.
The revised document is now ready and the meeting decided to open a new project to revise this Standard. All 8 countries present supported this decision.

Systematic Review ballots - reconfirmation of existing Standards

The resolution of the meeting is to re-confirm the following 6 ISO Standards:

Systematic review closed on 15th June 2016. No technical comments received.
Meeting recommends to ISO that this ISO Standard is re-confirmed.

6) ISO 17071:2006 / IUP 46 Leather – Physical and mechanical tests – Determination of fogging characteristics
Systematic review closed on 15th June 2016. No technical comments received. Meeting recommends to ISO that this ISO Standard is re-confirmed.

6) ISO 17074:2006 / IUP 47 Leather – Physical and mechanical tests – Determination of resistance to horizontal spread of flame
Systematic review closed on 15th June 2016. No technical comments received. Meeting recommends to ISO that this ISO Standard is re-confirmed.

Systematic review closed on 17th September 2016. No technical comments received. Meeting recommends to ISO that this ISO Standard is re-confirmed.

Systematic review closed on 15th June 2016. No technical comments received. Meeting recommends to ISO that this ISO Standard is re-confirmed.

9) ISO 17230:2006 / IUP 45 Leather – Physical and mechanical tests – Determination of water penetration pressure
Systematic review closed on 15th June 2016. No technical comments received. Meeting recommends to ISO that this ISO Standard is re-confirmed.
## Attendance list

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

**Date:** 22nd September 2016

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