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| **Minutes OF MEETING** | | |
| Date: 2019-09-17  Time: 9.00am  Location: CB Boardroom | | |
| NAME OF COMMITTEE | | **Paper and Paper products TC 036** |
| CHAIR PERSON | | Mr. Jonathan Wavomba |
| SECRETARY | | Mr. Peter Namutala |
| Attendees | | **As indicated in Annex I** |
| Agenda | | 1. **Introduction/Adoption of agenda**  **2. Nomination of the chairperson of the reconstituted technical committee**  **3. Deliberation on the following Standards for review**  **3.1** KS 2567:2014 Paper-towel rolls for centre-feed dispensing devices — Specification  **3.2** KS 420-1:2010 Paper and board - Test methods - Part 1: Determination of pH.  **3.3** KS 420-2:2010 Paper and board - Test methods - Part 2: Determination of ash content.  **3.4** KS 420-3:2010 Paper and board - Test methods - Part 3: Determination of machine direction.  **3.5** KS 420-4:2010 Paper and board - Test methods - Part 4: Determination of top-side and wire side.  **3.6** KS 420-6:2010 Paper and board - Test methods - Part 6: Determination of bursting strength.  **3.7** KS 420-7:2010 Paper and board - Test methods - Part 7: Determination of folding endurance.  **3.8** KS 420-8:2010 Paper and board - Test methods - Part 8: Determination of tearing resistance.  **3.9** KS 420-9:2010 Paper and board - Test methods - Part 9: Determination of sizing  3**.10** KS 420-11:2010 Paper and board - Test methods - Part 11: Determination of water absorbency - Drop method.   * 1. KS 420-12:2010 Paper and board - Test methods - Part 12: Determination of oil absorbency.   2. KS 420-13:2010 Paper and board - Test methods - Part 13: Determination of opacity.   3. KS 420-14:2010 Paper and board - Test methods - Part 14: Determination of brightness (ISO brightness).   4. KS 420-15:2010 Paper and board - Test methods - Part 15: Determination of roughness by constant-pressure air flow method.   5. KS 420-16:2010 Paper and board - Test methods - Part 16: Determination of fibre composition (furnish) qualitative test.   6. KS 420-17:2010 Paper and board - Test methods - Part 17: Determination of thickness for single sheets, bulk thickness and apparent density   7. **Deliberations on the following preliminary Draft Kenya Standards**      1. CD/CHEM/211:2019 Thermal-sensitive paper roll for printers —Specification   8. AOB |
| **MIN 01/09/2019 NOMINATION OF THE CHAIRPERSON OF THE RECONSTITUTED TECHNICAL COMMITTEE** | | |
|  | | The meeting was called to order at 9:300 AM. Mr Asuna offered the opening prayer. The secretary to the TC welcomed, thanked and encouraged members to participate with the view of having fruitful deliberations. Members present at the meeting unanimously elected Mr. Jonathan Wavomba of KIRDI as the Chairman of the TC. |
| **MIN 02/09/2019** **DELIBERATION ON THE FOLLOWING STANDARDS FOR REVIEW** | | | |
| discussion | | **2.1 KS 2567:2014 Paper-towel rolls for centre-feed dispensing devices — Specification**  **2.1.1 Clause 4: Table 1(ii) Tensile properties.**   * It was noted that most paper towel rolls in the market have failed to meet the requirements of this Standard. * It was agreed that samples be collected from the market place, factories and point of entry and tested for the requirement of this Standard. The results shall be availed to the TC in the next meeting. * Manufactures present were requested to submit the samples to the TC secretary by Friday September 20th 2019. * KEBS testing lab was requested to avail the test results of the previous samples to the TC members for analysis with aim of determining the minimum requirement. | |
| MIN 03/09/2018 | | **DELIBERATION ON THE FOLLOWING STANDARDS FOR WITHDRAWAL AS KENYA STANDARDS AFTER CIRCULATION FOR SYSTEMATIC REVIEW AND REPLACED WITH LATEST VERSION OF THE ISO STANDARDS.** | |
| DISCUSSION | | * 1. [KS 420-1:2010 Paper and board - Test methods - Part 1: Determination of pH.](http://onlinecatalogue.kebs.org/webquery.dll?v1=pbMarc&v4=0&v5=5A&v8=880550&v9=64&v10=Y&v13=4A&v20=4&v22=4A@KS%20ISO%2015320:2003&v23=0&v25=2012&v27=5039&v35=%7B%5d0%5b%7D%7B%5d0%5b%7D%7B%5d0%5b%7D%7B%5d0%5b%7D&v40=880547&v46=880550)**Replaced by ISO 6588-1 Paper, board and pulps — Determination of pH of aqueous extracts — Part 1: Cold extraction,ISO 6588-2:2005 Paper, board and pulps -- Determination of pH of aqueous extracts -- Part 2: Hot extraction**   2. KS 420-2:2010 Paper and board - Test methods - Part 2: Determination of ash content. **Replaced by ISO 1762:2019 Paper, board, pulps and cellulose nanomaterials -- Determination of residue (ash content) on ignition at 525 °C, ISO 2144:2019, Paper, board, pulps and cellulose nanomaterials -- Determination of residue (ash content) on ignition at 900 °C**   3. KS 420-3:2010 Paper and board - Test methods - Part 3: Determination of machine direction, **Replaced by ISO 216:2007 Writing paper and certain classes of printed matter — Trimmed sizes — A and B series, and indication of machine direction**   4. KS 420-4:2010 Paper and board - Test methods - Part 4: Determination of top-side and wire side **Replaced by** .. **Replaced by ISO 216:2007 Writing paper and certain classes of printed matter — Trimmed sizes — A and B series, and indication of machine direction**   5. KS 420-6:2010 Paper and board - Test methods - Part 6: Determination of bursting strength **Replaced by ISO 2758:2014 Paper — Determination of bursting strength and ISO 2759:2014 Board — Determination of bursting strength**   6. KS 420-7:2010 Paper and board - Test methods - Part 7: Determination of folding endurance **Replaced by ISO 5626:1993 Paper -- Determination of folding endurance**   7. KS 420-8:2010 Paper and board - Test methods - Part 8: Determination of tearing resistance **Replaced by ISO 1974:2012 Paper — Determination of tearing resistance — Elmendorf method**   8. KS 420-9:2010 Paper and board - Test methods - Part 9: Determination of sizing **Replaced by no suitable replacement. Withdrawn without replacement, depend on desired performance requirements.**   9. KS 420-11:2010 Paper and board - Test methods - Part 11: Determination of water absorbency - Drop method **Replaced by ISO 535:2014 Paper and board — Determination of water absorptiveness — Cobb method**   10. KS 420-12:2010 Paper and board - Test methods - Part 12: Determination of oil absorbency, **Replaced by ISO**  **16532-1:2008 Paper and board — Determination of grease resistance — Part 1: Permeability test , ISO 16532-3:2010,Paper and board — Determination of grease resistance — Part 3: Turpentine test for voids in glassine and greaseproof papers,** **ISO 16532-2:2007 and Paper and board -- Determination of grease resistance -- Part 2: Surface repellency test.**   11. KS 420-13:2010 Paper and board - Test methods - Part 13: Determination of opacity, **Replaced by ISO 2471:2008 Paper and board -- Determination of opacity (paper backing) -- Diffuse reflectance method**   12. KS 420-14:2010 Paper and board - Test methods - Part 14: Determination of brightness (ISO brightness), **Replaced by ISO 2470-1:2016 Paper, board and pulps -- Measurement of diffuse blue reflectance factor -- Part 1: Indoor daylight conditions (ISO brightness)**   13. KS 420-15:2010 Paper and board - Test methods - Part 15: Determination of roughness by constant-pressure air flow method, Replaced by **ISO 8791-1:1986Paper and board -- Determination of roughness/smoothness (air leak methods) -- Part 1: General method, ISO 8791-2:2013 Paper and board -- Determination of roughness/smoothness (air leak methods) -- Part 2: Bendtsen method, ISO 8791-3:2017 Paper and board -- Determination of roughness/smoothness (air leak methods) -- Part 3: Sheffield method**   14. KS 420-16:2010 Paper and board - Test methods - Part 16: Determination of fibre composition (furnish) qualitative test, Replaced by  **ISO/TR 10688:2015 Paper, board and pulps — Basic terms and equations for optical properties**   15. KS 420-17:2010 Paper and board - Test methods - Part 17: Determination of thickness for single sheets, bulk thickness and apparent density, Replaced by **ISO 534:2011 Paper and board — Determination of thickness, density and specific volume.** | |
| MIN 04/09/2018 | | **DELIBERATIONS ON THE PRELIMINARY DRAFT KENYA STANDARDS CD/CHEM/211:2019 THERMAL-SENSITIVE PAPER ROLL FOR PRINTERS —SPECIFICATION** | |
| DISCUSSION | | Members deliberated on the preliminary draft and made changes as Indicated in tracked copy hereby attached as annex II | |
| MIN 05/09/2018 | | A.O.B | |
|  | | **5.1** It was reported that KS EAS 344:2014 gives the requirement for grammage of exercise books made from newsprint to be 48.8 g/m2.However, we have products on the market with less than 48.8 gsm. KEBS was requested to enforce compliance to this specification.  **5.2** It was reported that KS 2567:2014 Paper-towel rolls for centre-feed dispensing devises needs to be revised in the requirement of the tensile strength. Most companies are not meeting the requirement of this Standard.  **5.3** It was noted that the requirement of EAS 355: Toilet paper –Specification on brightness for white toilet paper is not enforced by KEBS. Toilet paper of less brightness than 73% are on the market. KEBS was requested to step up surveillance to nail on the culprits.  5.4 It was reported that most firms do not meet the requirement for the tensile properties KS EAS 862:2017 Facial tissue Paper-Specification. KEBS was requested to initiate revision of the Standard at EAC/TC 036-Paper and Paper products TC.  5.5 It was noted that KEBS to organize the visit to the Labs by TC members to familiarize themselves with test methods for paper and paper products  5.6 It was reported that marking clause of the Toilet Paper Standard should be enforced to the later so as to differentiate between Virgin and recycled products on the markets.  5.7 It was reported that in the Facial and Paper Napkin Standards, the requirement of tensile Strength is reported in N/mm and test method states in Nm. A revision of the same is required.  **5.8** It was noted from testing lab that most manufactures do not Indicate the length of the toilet paper as specified in the marking clause. Manufactures were requested to adhere to the requirements of the marking clause.  **5.9** It was reported that manufactures use testing equipment’s that are not calibrated, this results in giving in-house test reports that are not accurate. Manufactures were requested to calibrate equipment’s as scheduled before test.  **5.10** It was reported that in KS EAS 866-Paper Sacks for Packaging of cement Standard, the value of the tensile strength minimum in CD is 4.8 K/Nm, while local suppliers from global market is between 4.5-4.6. KEBS was requested to initiate revision of the same at EAC  **5.11.** KEBS was requested to reduce turn around time for issuance of SM-Marks certification | |
| DISCUSSION | | There being no other business the meeting adjourned at 12.30 PM. | |

There being no other business, the meeting adjourned at 12.30 pm.

Minutes prepared by: Peter Namutala Date: 17th September ,2019

Minutes confirmed by Chairperson:

**Annex I**

**ATTENDANCE RECORD**

**Present: Email Organization Mobile Number**

1. Jonathan Wavomba-Chairman [shemjona@gmail.com](mailto:shemjona@gmail.com) KIRDI 0723496146
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**Absent with apology:**

1. **Prof. Helen Njenga**