

Knots and Notes: The Standard Review

By Sarah Padilla, *Technical Director*

Updates from other standards bodies that are relevant to the cordage industry.

ISO documents recently voted on:

- ISO 2076 – Textiles – Chemically manufactured fibres – voted to approve final editorial revisions. Likely to be published by end of year.
- ISO 18264 – Textile slings – Lifting slings for general purpose lifting operations made from fibre ropes – HMPE (high modulus polyethylene) – Project approved for registration as DIS.

ISO documents recently confirmed:

- ISO 858 – Fishing nets – Designation of netting yarns in the Tex System
- ISO 1531 – Fishing nets – Hanging of netting – Basic terms and definitions
- ISO 1532 – Fishing nets – Cutting knotted netting to shape (“tapering”)
- ISO 3505 – Ropes and cordage – Equivalence between natural fibre ropes and man-made fibre ropes for use in the mooring of vessels.

ISO documents being drafted. Project will soon be sent for ballot to determine if draft should be reviewed.

- ISO 1968 - Fibre ropes and cordage – Vocabulary

In light of the current global situation regarding COVID-19, ISO has decided that all ISO governance and technical meetings planned until 30 November 2021 must be held virtually or postponed until after that date. In person meetings are being evaluated on a 3-month rolling basis.

<https://www.iso.org/covid-19.html>

ASME has postponed in person meetings until December 2021.

In light of the COVID pandemic, ASTM has moved participation in the October Committee Week to the preferred virtual platform.

ASTM documents recently published:

- [ASTM D76 – Standard Specification for Tensile Testing Machines for Textiles](#) – has been updated to correct and update the standard and remove references to ASTM D1682 – which has been withdrawn. Corrections have been made to the load cell deflection and deflection of the force measuring clamp.
- [ASTM D2256 – Standard Test Method for Tensile Properties of Yarns by the Single-Strand Method](#) – went thru a regular update and corrected a reference to ISO TC38 that was not correct.

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- [ASTM D2259 – Standard Test Method for Shrinkage of Yarns](#) – will be updated to correct an incorrect formula in the standard.
- [ASTM D4849- Standard Terminology Related to Yarns and Fibers](#) – new terms were added to the yarns section.
- [ASTM E4- Standard Practices for Force Verification of Testing Machines](#) – this revision resolved definitions of calibration, verification, and traceability. Revision also added a Summary of Practice and an explanation of types of errors.
- [ASTM E2225 - Standard Guide for Forensic Examination of Fabrics and Cordage](#) – is updating language and suggested revisions discovered during public review. Revisions did not affect cordage products.