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AMENDMENT 2
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**Textile machinery — Safety
requirements —**

Part 7:
Dyeing and finishing machinery

AMENDMENT 2

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Matériel pour l'industrie textile — Exigences de sécurité —

Partie 7: Machines de teinture et de finissage

AMENDEMENT 2

ISO 11111-7:2005/Amd 2:2016

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The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

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For an explanation on the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the WTO principles in the Technical Barriers to Trade (TBT) see the following URL: [Foreword - Supplementary information](#)

The committee responsible for this document is ISO/TC 72, *Textile machinery and accessories*, Subcommittee SC 8, *Safety requirements for textile machinery*.

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Part 7: Dyeing and finishing machinery

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Page vi, Introduction

Replace “ISO 12100-1” in the 3rd paragraph with “ISO 12100”.

Replace “ISO 14121-1” in the 5th paragraph with “ISO 12100”.

Page 1, Scope

Add the following sentence as the second paragraph:

This part of ISO 11111 is complemented by the type C standards ISO 9902-1 and ISO 9902-7 with respect to noise emission measurement and ISO 23771 with respect to measures for the reduction of noise emissions.

Page 1, Clause 2 Normative references

Replace “ISO 12100-2:2003” with “ISO 12100:2010”.

Add ISO 23771 as follows: <https://standards.iteh.ai/catalog/standards/sist/ae00f211-8e25-4207-b120-09c6c84467f0/iso-11111-7-2005-amd-2-2016>

ISO 23771, *Textile machinery — Guide to the design of textile machinery for reduction of the noise emissions*

Replace “EN 1539:2000” with “EN 1539:2015”.

Replace “EN 12198-1:2000” with “EN 12198-1:2000+A1:2008”.

Page 1 of Amendment 1:2009, Normative references and throughout the text

Replace “IEC 62061:2005” with “IEC 62061:2005+A1:2012+A2:2015”.

Pages 1 to 34, Clauses 1 to 7

Throughout the text, replace all the dated references “ISO 11111-1:2005” with “ISO 11111-1:2016”.

Page 17, 5.3.5

Replace the second paragraph with the following:

The safety-related part of the control system of the defined protective measures shall present a performance level of at least PL = d in accordance with ISO 13849-1:2006 or a safety integrity level SIL = 2 in accordance with IEC 62061:2005.

The adoption of a lower level than performance level PL = d or a safety integrity level SIL = 2 shall be based on a risk assessment in accordance with ISO 13849-1:2006, Annex A or IEC 62061:2005, Annex A.

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Page 17, 5.3.5, Table 21

Replace “ISO 12100-2:2003, 5.2.6” with “ISO 12100:2010, 6.3.2.6”.

Page 21, 5.4.3, a)

Replace “emergency stop controls” with “emergency stop device”.

Page 24, 5.5.4, Table 30

Replace “EN 1539:2000” with “EN 1539:2009”.

Page 25, 5.5.5, Table 31

Replace “EN 1539:2000” with “EN 1539:2009”.

Page 26, 5.5.7, 2nd para

Replace “EN 12198-1” with “EN 12198-1+A1:2008”.

Page 28, 5.6.2, c)

Replace list item c) with the following:

The safety-related part of the control system of the protective measures given in a) and b) of this clause shall present a performance level of at least PL = d in accordance with ISO 13849-1:2006 or a safety integrity level SIL = 2 in accordance with IEC 62061:2005 +A1:2012.

The adoption of a lower level than performance level PL = d or a safety integrity level SIL = 2 shall be based on a risk assessment in accordance with ISO 13849-1:2006, Annex A or IEC 62061:2005, Annex A.

Page 31, 5.6.8, b)

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Replace list item b) with the following:

The safety-related part of the control system of power interlocking shall present a performance level of at least PL = e in accordance with ISO 13849-1:2006 or a safety integrity level SIL = 3 in accordance with IEC 62061:2005 + A1:2012.

The adoption of a lower level than performance level PL = e or a safety integrity level SIL = 3 shall be based on a risk assessment in accordance with ISO 13849-1:2006, Annex A or IEC 62061:2005 + A1:2012, Annex A.

Page 35, Bibliography

Delete the first reference and replace the second reference with the following:

ISO 12100, *Safety of machinery — General principles for design — Risk assessment and risk reduction*

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