
**Safety requirements for industrial laundry
machinery —**

Part 3:

**Washing tunnel lines including component
machines**

Exigences de sécurité pour les machines de blanchisserie industrielle —

Partie 3: Trains de lavage incluant les machines composantes



Contents

	Page
1 Scope	1
2 Normative references.....	1
3 Definitions	2
4 Hazards	3
5 Safety requirements and/or measures for the hazards identified in clause 4.....	5
5.1 General	5
5.2 Mechanical hazards	5
5.2.1 Interface between loading system and continuous tunnel washing machine	5
5.2.2 Continuous tunnel washing machine	5
5.2.3 Conveyors between washing machine and squeeze press or centrifugal extraction machine	5
5.2.4 Squeeze press	5
5.2.5 Centrifugal extraction machine	6
5.2.6 Transfer conveyor system	6
5.2.7 Automatic transfer tumbler dryers	6
5.2.8 Interface between tumbler dryers and unloading system	7
5.3 Electrical hazards	7
5.4 Thermal hazards	7
5.5 Hazards generated by noise	7
5.6 Hazards associated with materials and substances	7
5.6.1 Fire and explosion	7
5.6.2 Biological hazards.....	7
5.7 Failure of control systems	8
5.8 Hazards associated with complex installations	8
6 Verification of safety requirements and/or measures.....	8
7 Information concerning machine use.....	12
7.1 Instruction handbook	12
7.2 Warning signs.....	12

© ISO 1997

All rights reserved. Unless otherwise specified, no part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from the publisher.

International Organization for Standardization
Case postale 56 • CH-1211 Genève 20 • Switzerland
Internet central@iso.ch
X.400 c=ch; a=400net; p=iso; o=isocs; s=central

Printed in Switzerland

Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

International Standard ISO 10472-3 was prepared by Technical Committee ISO/TC 72, *Textile machinery and machinery for dry-cleaning and industrial laundering*, Subcommittee SC 5, *Industrial laundry and dry-cleaning machinery*.

ISO 10472 consists of the following parts, under the general title *Safety requirements for industrial laundry machinery*:

- *Part 1: Common requirements*
- *Part 2: Washing machines and washer-extractors*
- *Part 3: Washing tunnel lines including component machines*
- *Part 4: Air dryers*
- *Part 5: Flatwork ironers, feeders and folders*
- *Part 6: Ironing and fusing presses*