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COVERALL COMPLIANCE · CERTIFICATION REFERENCE

Coverall Certification Reference Guide

NFPA 2112, ASTM F1506, ANSI/ISEA 107, EN 1149, IEC 61482, OEKO-TEX 100 and ISO 9001:2015 — scope, issuing body and test method.

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DISCLAIMER

This resource is practical procurement guidance written from a China-side workwear factory's perspective. It is not legal, safety or compliance advice. Certification, fabric performance and fit vary by garment type, seam construction and pattern block; confirm exact standards and fit against an approved sample and the current official texts before you commit funds.

Coverall compliance aid | Document ID: SPEC-COVERALL-CERT-001

Complete Certification Reference

CERTIFICATION	SCOPE	ISSUING BODY	TEST METHOD	APPLIES TO
NFPA 2112	Flash Fire Protection	National Fire Protection Association	ASTM F1930 Instrumented Manikin	FR Coveralls
ASTM F1506	Arc Flash PPE	ASTM International	ASTM F1959 Arc Rating (ATPV/EBT)	FR / Arc-Rated Coveralls
ANSI/ISEA 107	High-Visibility Safety Apparel	American National Standards Institute	Retroreflectivity + Background Luminance	Hi-Vis Coveralls (Class 1-3)
EN 1149	Electrostatic Properties	European Committee for Standardization	EN 1149-1 Surface Resistivity / EN 1149-3 Charge Decay	Anti-Static Coveralls
IEC 61482	Arc Thermal Protection	International Electrotechnical Commission	IEC 61482-2 Arc Box Test	FR / Arc-Rated Coveralls
OEKO-TEX 100	Harmful Substance Free	OEKO-TEX Association	Class I (Infant-Safe) Substance Screen	All Coverall Fabrics
ISO 9001:2015	Quality Management System	International Organization for Standardization	Full QMS Audit & Surveillance	Entire Production Facility

What "Lot-Specific" Certification Means

Lot-specific certification means garment samples from your production batch are tested — not a one-time fabric certification. Test reports include your purchase order number and ship with the goods. Your safety officer receives third-party documentation tied directly to your order, not a generic mill certificate.

How to Verify a Lab Report

1. Check that the PO number on the report matches your purchase order
2. Verify the lab is ISO 17025-accredited (SGS, Intertek, UL, or equivalent)
3. Confirm the test date is within the current production batch window
4. Cross-reference fabric roll IDs and trim specifications against your techpack
5. Ensure the report covers the finished garment, not just the fabric bolt

Component-Level Compliance

An FR garment can fail certification because of one non-compliant component — even if the main fabric passes every lab test. Thread must be continuous-filament aramid (Nomex) or FR-rated polyester. Zippers must be heavy-duty brass or FR-rated nylon. Snaps and buttons must be brass or stainless steel. Reflective tape must be FR-rated.

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Prove the certification, not the catalogue claim.

Send your hazard profile and destination market — lot-specific test reports and a certified trim card are returned with the quote.

CONTACT US

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Request a free, transparent quote: https://www.lantaowork.com/contact-us/