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SECURITY UNIFORMS · QC CHECKLIST

Security Uniform QC Checklist

Eleven inspection zones with the hidden risks generic fashion checklists miss, and the escalation protocol that closes each one before shipment.

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DISCLAIMER

This document is practical procurement and design guidance written from a China-side workwear factory's perspective. It is not legal, safety or compliance advice. Fabric values are engineering targets; confirm exact standards, certification scope and fit against an accredited lab report and your own approved sample before you commit funds.

Standard: AQL 2.5 | ISO 9001 | Document ID: QC-SEC-001

AUDITOR DIRECTIVE

Generic fashion checklists miss the failures that matter on duty. Do not accept standard "critical, major, minor" explanations. Use this security-specific defect library and demonstrate exactly how each hidden risk is inspected and escalated before AQL shipment approval.

INSPECTION ZONE	HIDDEN RISKS & ESCALATION PROTOCOL	EVALUATION
Ripstop / NyCo Fabric Integrity	Fabric swaps to cheaper weights or off-spec blends. Compromises tear strength and durability in the field. ► VERIFY WEIGHT & TEAR VS ASTM D5034 / D1424	□ PASS □ FAIL
Bar-tacks & Stress Points	Missing bar-tacks at knees, crotch, pocket corners, and epaulets cause mid-shift blowouts. ► INSPECT 5–7 BAR-TACKS PER STRESS POINT	□ PASS □ FAIL
Seam Construction	Load-bearing seams not flat-felled or French can rip under chase-and-tackle loads. ► VERIFY LOAD-BEARING SEAM CONSTRUCTION & SPI	□ PASS □ FAIL
YKK Hardware & Zippers	Sub-standard zippers fail after repeated open/close. Badge snaps lose retention. ► CHECK HARDWARE CYCLE DURABILITY	□ PASS □ FAIL
Badge & Rank Placement	Badges placed off-spec or stitched crooked. Detachable systems must hold under daily wear. ► MEASURE PLACEMENT VS APPROVED SAMPLE	□ PASS □ FAIL
Reflective Trim / ANSI-ISEA 107	Reflective trim misapplied or brightness fading. Night posts lose visibility. ► CHECK TRIM PLACEMENT & BRIGHTNESS	□ PASS □ FAIL
Colorfastness & UV Stability	Dye-lot drift between batches or UV fade on sun-exposed posts. ► VERIFY GRADE 4+ PER ISO 105 / AATCC 16.3	□ PASS □ FAIL
DWR Water Repellency	DWR finish weak or omitted on rain-exposure garments. ► CONFIRM AATCC 22 INITIAL RATING	□ PASS □ FAIL
Dimensional Stability	Garments shrink out of fit after first launder, causing exchange loops. ► CHECK AATCC 135 SHRINKAGE ≤ 3–5%	□ PASS □ FAIL
Metal Contamination / Needle Detection	Missing needle-detection protocols can cause injury to end users. ► REVIEW TEST METHOD SUMMARY	□ PASS □ FAIL
Labels & Compliance Docs	Care/fiber labels missing or batch test reports not packed. ► VERIFY DOCS WITH EVERY SHIPMENT	□ PASS □ FAIL

Auditor Name: _____ Date: _____

All escalated risks must be documented with photographic evidence and matched against the security uniform defect library before final AQL shipment approval. Do not proceed with logistics clearance if any safety-critical items fail.

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Inspect the failures that matter on duty.

Send the defect library you are being held to — an inspection protocol and a lot-level test-report file are returned with the quote.

CONTACT US

Website	www.lantaowork.com
Email	info@lantaowork.com
Office	Hangang Sci & Tech Industrial Park, Jintan Road, Dongxihu District, Wuhan, Hubei, China

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