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Wooden Toy Compliance Checklist

The Ultimate Guide to EN71, ASTM & CPSIA + Buyer's Inspection Checklist (2026 Edition)

Compliance is your brand's lifeline and passport to global markets.

B2B Toy Sourcing & Manufacturing Experts | Actionable Compliance Resources

Part 1: Why Do You Need This Checklist?

In international toy trade, brand owners and procurement managers worry about more than just costs—they worry about hidden safety and compliance risks. Wooden toys are prized for their eco-friendly appeal, but their natural materials present highly specific regulatory challenges.

Disastrous Consequences of Non-Compliance:

Shipments blocked or seized by customs at the destination port.

Forced delisting, frozen funds, or permanent account bans on Amazon and other major platforms.

Consumer lawsuits, massive recall fines, and irreparable brand damage.

What This Checklist Does for You:

Saves Time: Condenses hundreds of pages of complex EN71 and ASTM regulations into actionable checkpoints.

Reduces Risk: Provides a standardized auditing tool for sourcing, production, and pre-shipment inspections.

Boosts Expertise: Rapidly builds compliance knowledge for your operations and procurement teams.

Part 2: Core Compliance Standards Comparison

No matter your target market, you must master these core safety standards.

Test Item	EU (EN71)	US (ASTM F963 / CPSIA)	China / Other	The LeelineToys Standard	Status
Mechanical & Physical	EN71-1	ASTM F963	GB 6675	100% pass on drop & compression tests	☐
Flammability	EN71-2	ASTM F963	-	Strict sourcing of flame- retardant materials	☐
Chemical Migration (Heavy Metals)	EN71-3 (19 elements)	CPSIA + ASTM	GB 6675	Exclusive use of eco-friendly water-based paints; 3rd- party certified	☐
Saliva & Perspiration (Teething Toys)	Strict Focus	Strict Focus	Strict Focus	Rigorous colorfastness testing against saliva/sweat	☐
Small Parts (Choking Hazard)	Extremely Strict	16 CFR 1501	Strict	Comprehensive high-tension pull tests	☐
Labeling	Mandatory (CE, etc.)	Mandatory (Tracking, etc.)	Mandatory (CCC)	Free compliance label templates & auditing	☐

Part 3: Wooden Toy Sourcing & Production Self-Audit

Print this page and use it to verify compliance before every production run or during factory audits:

1. Wood Sourcing & Physical Treatment

- ❑ **Traceable Certification:** Confirm the wood has FSC/PEFC certification (essential for eco-branding and compliance).
- ❑ **Moisture Control:** Raw wood moisture content is strictly controlled at $\leq 10\%$ (prevents cracking and mold during sea freight).
- ❑ **Sensory Inspection:** Surfaces and cross-sections are free of mold, insect holes, and blue stain.

2. Surface Treatment & Chemical Safety

- ❑ **Coating Selection:** 100% usage of certified water-based paints, natural plant oils, or food-grade beeswax.
- ❑ **VOC Testing:** Supplier provides recent Volatile Organic Compound (VOC) test reports for the paint batches.
- ❑ **Colorfastness:** Passed decolorization tests (ensuring absolutely no color bleeding when chewed by toddlers).

3. Structural Safety & Physical Limits

- ❑ **Edge Treatment:** All accessible edges and corners are chamfered/rounded with a radius $\geq 2\text{mm}$ (prevents cuts).
- ❑ **Anti-Detachment:** Screws, embedded magnets, and hardware connections pass tension pull tests.
- ❑ **Load & Stability:** Static and dynamic load tests completed for ride-on wooden toys.

4. Mandatory Compliance Documentation

- ❑ **CPC Certificate:** Children's Product Certificate ready for the US market.

- **Test Reports:** Up-to-date test reports from CPSC-accepted 3rd-party labs (e.g., SGS, TUV).
- **Tracking Records:** Complete tracking labels and batch numbers printed on the product and packaging.

Part 4: Top 5 Compliance Failures & Solutions

✗ Failure #1: Heavy Metal (Lead) in Paint

✓ **Solution:** Reject cheap, unverified paints. Mandate specific eco-friendly, water-based paint brands. Conduct chemical spot checks on wet paint prior to mass application.

✗ Failure #2: Fatal Splinters on Edges

✓ **Solution:** Upgrade from porous rubberwood to premium hardwoods (Beech, Birch). Utilize 5-axis CNC routing and enforce at least 3 rounds of manual sanding.

✗ Failure #3: Small Parts Detaching After Drop Tests

✓ **Solution:** Optimize mortise-and-tenon joint designs. Mandate high-strength, E-Zero rated eco-friendly wood glue. Ban the use of weak, generic adhesives.

✗ Failure #4: Non-Compliant Polybags

✓ **Solution:** Strictly enforce international standards: plastic bags with openings larger than 190mm must be perforated and clearly printed with multi-lingual Suffocation Warnings.

✗ Failure #5: Missing or Incomplete Tracking Labels

✓ **Solution:** Integrate label verification directly into the pre-inbound AQL inspection checklist as a "Critical Defect". Any omission requires immediate rework.

Part 5: The LeelineToys Compliance Guarantee Process

As your professional supply chain partner, we use a systematic engineering workflow to ensure foolproof compliance:

Step 1 (Design Audit): Engineers review 3D files to eliminate pinch points and choking hazards before tooling begins.

Step 2 (Source Control): Materials are exclusively sourced from a vetted matrix of ISO and FSC-certified suppliers.

Step 3 (In-line QC): Multiple In-line Inspections (DUPRO) are conducted to control moisture levels and surface smoothness.

Step 4 (Authoritative Testing): We seamlessly manage the submission process to SGS, TUV, and other global labs.

Step 5 (Retail-Ready Delivery): Rigorous carton drop tests and label cross-checks guarantee products arrive safe and ready to sell.

Get a free supply chain diagnostic and prototyping quote at www.leelinetoy.com