

27-Point Automotive Supplier Verification Checklist

For Automotive Accessories, Towing Gear & Caravan Products

Developed by Tiroflx

Manufacturing Execution Partner in China | Operating Since 2008

FOUNDER FOREWORD

“

Most supplier problems do not start with the quotation. They start inside the factory.

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A sample may look perfect. The mass production run may be completely different.

A supplier may claim compliance. The actual test reports may tell a different story.

A factory may offer the lowest price, but the savings frequently come from downgraded components, substituted materials, or reduced testing.

This checklist was developed based on real factory audits, production monitoring, quality inspections, compliance verification, and manufacturing execution work conducted throughout China since 2008.

Use it before approving any supplier, factory, or production program.

Assaf Sternberg
Founder & CEO Tiroflx

CHECKLIST SECTIONS

1. Company Verification

☐ Is the company legally registered in China?

☐ Yes ☐ No ☐ Unclear

☐ Can you verify company registration (USCC / Business License)?

☐ Yes ☐ No ☐ Unclear

☐ Does the company have a history of ownership continuity?

☐ Yes ☐ No ☐ Unclear

☐ Are there any unresolved legal disputes or judgments against the company?

☐ Yes ☐ No ☐ Unclear

2. Factory Verification

☐ Has an on-site factory audit been completed?

☐ Yes ☐ No ☐ Scheduled

☐ Does the factory own/control all production equipment listed?

☐ Yes ☐ No ☐ Unclear

☐ Are machines calibrated and certified?

☐ Yes ☐ No ☐ No records

☐ Does the factory have clear ownership of tooling & molds?

☐ Yes ☐ No ☐ Disputed

3. Production Capability

☐ Can the factory meet your required monthly production volume?

☐ Yes ☐ No ☐ At limit

☐ Are lead times realistic for order-to-shipment cycle?

☐ Yes ☐ No ☐ Negotiable

☐ Does the factory subcontract any production work?

☐ Yes ☐ No ☐ Unauthorized

☐ Is there documented production traceability system?

☐ Yes ☐ No ☐ Partial

CHECKLIST SECTIONS

4. Quality Control Systems

☐ Is there a documented incoming material inspection (IQC) process?

☐ Yes ☐ No ☐ Informal

☐ Are incoming materials tested before production?

☐ Yes ☐ No ☐ Selective

☐ Is there in-process quality control (IPQC) on production lines?

☐ Yes ☐ No ☐ Partial

☐ Are there any unresolved legal disputes or judgments against the company?

☐ Yes ☐ No ☐ Incomplete

☐ Is there a documented defect tracking & corrective action system?

☐ Yes ☐ No ☐ No system

5. Testing & Compliance

☐ Have samples been tested for required certifications (CE, RoHS, EMC)?

☐ Yes ☐ No ☐ Pending

☐ Can the factory provide valid REACH & WEEE documentation?

☐ Yes ☐ No ☐ Not applicable

☐ Are compliance test reports from accredited labs (not factory-issued)?

☐ Yes ☐ No ☐ Unknown

☐ Is there documented product traceability for lot/batch control?

☐ Yes ☐ No ☐ Partial

CHECKLIST SECTIONS

6. Supply Chain Control

☐ Does the factory have a Bill of Materials (BOM) control system?

☐ Yes ☐ No ☐ Informal

☐ Can you verify supplier approval changes don't occur mid-production?

☐ Yes ☐ No ☐ No control

☐ Are all component suppliers pre-approved before use?

☐ Yes ☐ No ☐ Inconsistent

☐ Is there a documented warehouse inventory system?

☐ Yes ☐ No ☐ Partial

7. Commercial Risk & Asset Protection

☐ Is tooling/mold ownership clearly defined in the contract?

☐ Yes ☐ No ☐ Unclear

☐ Is there insurance or bond coverage for your materials held by supplier?

☐ Yes ☐ No ☐ Partial

☐ Can you retrieve molds/tooling if the supplier relationship ends?

☐ Yes ☐ No ☐ Unconfirmed

☐ Are payment terms and pricing terms confirmed in writing?

☐ Yes ☐ No ☐ Informal

SUPPLIER RISK SCORECARD

TOTAL SCORE

_____ / 27

Risk Assessment Levels

Score	Risk Level	Assessment
24–27 Points	LOW RISK	Supplier is well-positioned for approval. Proceed with confidence. Regular monitoring recommended.
Score	Risk Level	Assessment
18–23 Points	MEDIUM RISK	Supplier has gaps that need resolution. Implement corrective actions before full-scale production.
Score	Risk Level	Assessment
Below 18 Points	HIGH RISK	Significant issues detected. Do not proceed without major improvements or consider alternative suppliers.

Scoring Instructions:

- Score 1 point for each "Yes" response
- Use "No" and "Unclear" responses to identify specific areas needing improvement
- Address gaps before moving to production

COMMON MANUFACTURING FAILURES IN CHINA

Watch for these red flags during factory audits and production monitoring:

☐ **Component substitutions during production**

☐ **Unauthorized subcontracting**

☐ **Inconsistent raw materials between batches**

☐ **Invalid or outdated compliance certificates**

☐ **Missing production traceability**

☐ **Poor incoming material inspections**

☐ **Tooling ownership disputes**

☐ **No BOM control procedures**

☐ **Undisclosed supplier changes mid-production**

☐ **Component substitutions during production**

☐ **Inadequate quality control documentation**



**How many of these risks exist
in your current supply chain?**

ABOUT TIROFLX

Moving Beyond Sourcing to Manufacturing Execution	
Factory Audits	Supplier Verification
Manufacturing Execution	Quality Control
BOM Management	Compliance Verification
Production Monitoring	

Finding a supplier is easy. Maintaining quality, consistency and compliance throughout mass production is where most companies struggle.

Operating in China since 2008, Tiroflx helps brands reduce manufacturing risk through on-the-ground execution and factory oversight.

Schedule a Manufacturing Risk Assessment

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