

# 2025 Global Wheelchair Supplier Evaluation Checklist (Advanced Edition)

Risk Assessment Tool for Global Distributors, Hospitals, and Private Label Procurement

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## Purpose:

This checklist helps procurement professionals evaluate wheelchair suppliers comprehensively, covering compliance ✅, quality inspection 🔧, user experience 🪑, logistics 🚚, and OEM risk mitigation strategies 🔒.

## Part 1: Compliance & Certification 🏆

Purpose: Ensure suppliers meet international market entry requirements.

Evaluation Stage	Evaluation Criteria	Weight	Actual Score/Notes
1	ISO 13485 medical device quality management certification	/10	
2	Valid CE certificate and/or FDA 510(k) registration	/10	(Check model consistency)
3	Lithium battery UN38.3 test report & MSDS	/10	(Verify cell/battery brand/model)
4	Market-specific certifications (JIS/TGA/CMDCAS)	/10	
5	Product traceability system (batch/serial number)	/10	(For recall & quality tracking)

## Part 2: 20 Key Quality Inspection Points 🔍

### A. Frame & Durability 🏗️

Stage	Criteria	Weight	Score/Notes
6	Robotic automated welding; weld uniformity	/5	(Check weld smoothness)
7	Main load-bearing aluminum tube thickness $\geq$ 1.8mm	/5	(Material spec sheet)
8	Fatigue test $\geq$ 200,000 cycles	/5	
9	Salt spray test report	/5	

### B. Electronics & Power ⚡

Stage	Criteria	Weight	Score/Notes
10	Controller from recognized brands	/10	(Smooth operation & low failure rate)

Stage Criteria	Weight Score/Notes
11 Lithium battery cells from top-tier brands	/10 (Samsung, LG, CATL)
12 Brushless motor with electromagnetic brake (EABS)	/5 (Low maintenance & safe stopping)

### C. Comfort & After-Sales 🛠️

Stage Criteria	Weight Score/Notes
13 High-density, high-rebound cushions	/5
14 Flame-retardant materials	/5
15 Powder coating surface treatment	/5
16 Exploded view, spare parts list, maintenance manual	/5

### D. Logistics & Packaging 📦

Stage Criteria	Weight Score/Notes
17 Packaging passed ISTA 1A/3A drop & vibration tests	/10
18 Accurate CBM & container load optimization	/5
19 Accepts third-party inspection (SGS/BV)	/5
20 Multilingual after-sales support (English/Spanish)	/5

## Part 3: 5 OEM Risk Mitigation Strategies 🛡️

# Strategy	Implementation	Checked
1 Intellectual Property & NDA	Sign NDA; clarify ownership of design, mold, trademarks	<input type="checkbox"/>
2 Core Component Lock Clause	Lock critical components; no changes without consent	<input type="checkbox"/>
3 Tiered Pricing & Delivery Penalty	Define delivery schedule; penalties for delay	<input type="checkbox"/>
4 Spare Parts & Warranty Buffer	Above-industry warranty; 1-2% extra consumables	<input type="checkbox"/>
5 Exclusive Market Protection	Define exclusive sales territory	<input type="checkbox"/>

## Total Score & Supplier Evaluation 🏆

- **Total Score:** [ ] / 200
- **Supplier Evaluation:** [ ] (Score ≥180: A – Long-term cooperation; Score ≥150: B – Needs negotiation; Score ≤120: C – Not recommended)

**Recommendation:** Import this checklist into your system and make it mandatory for all potential suppliers before inquiry.

*This document is for professional procurement and compliance use. Verify all data with official certificates and third-party testing reports.*