

Magnet Export Compliance Checklist

For buyers importing NdFeB and SmCo magnets from China · Based on MOFCOM & GACC Announcement No. 18 of 2025 · Last updated: September 2026

1 Classify Your Magnet

- ☐ Grade identified (N / M / H / SH / UH / EH / AH)
 - ☐ Maximum operating temperature confirmed for the application
 - ☐ Dy/Tb content confirmed by a **composition test** — not by grade name or supplier assurance
 - ☐ Test performed by an accredited laboratory (we use the customs-affiliated testing centre in Ningbo)
 - ☐ Written control classification on file (1C902 / 1C904 / 1C905, or "not controlled")
- Quick rule:** SH grades and below are normally **not controlled**. UH grades and above normally **require an export license** for every shipment. The final answer always comes from the composition test, because the regulation is based on Dy/Tb content — not on the grade label.

2 Eight Questions for Your Supplier

- ☐ **1.** Can you state **in writing** whether this part is a controlled item, and if so, with which control code?
- ☐ **2.** Can you provide a composition test report showing Dy/Tb content, **including the test method**?
- ☐ **3.** Do you apply for an export license **for each controlled shipment**?
- ☐ **4.** Will the control code be declared on the customs declaration?
- ☐ **5.** What is your **current licensing lead time** — and is it included in the delivery time you quoted me?
- ☐ **6.** Is the HS code declared as **8505.11** (permanent magnets of metal)?
- ☐ **7.** How are the magnets packed for air or sea freight (anti-magnetic shielding, carrier requirements)?
- ☐ **8.** Will the license and test report **travel with the shipment documents**?

3 Plan the Timeline Before You Commit

STAGE	WHAT HAPPENS	PLAN FOR
Specification & composition test	Grade fixed; sample tested for Dy/Tb content	1–2 weeks
Export licence application & approval	Exporter applies to MOFCOM; documents and end-use information reviewed	~4 months (our 2025–2026 experience)
Production	Manufacturing, inspection, coating	
Shipping & declaration	Export declaration with control code; customs may query	Per route

- ☐ Order placed **5–6 months before your need date** for UH-or-higher parts
- ☐ Licensing step stated **explicitly in the quotation**, not left implicit
- ☐ Buffer agreed in case of a customs query during declaration

Schedule too tight? If your design can use SH-or-below grades, or an HRE-free (heavy rare earth free) grade, the licensing step leaves the critical path entirely. This is worth reviewing at the design stage — not at the shipping stage.

4 Documents to Collect

DOCUMENT	WHY IT MATTERS
Composition test report	Confirms whether Dy/Tb are present and at what level — the basis of the classification
Grade & specification sheet	Links the test report to your actual order: grade, coating, dimensions
Control classification statement	States whether the part falls under 1C902 / 1C904 / 1C905 and the code to be declared
Export licence (controlled shipments)	Evidence the shipment is licensed; useful for your own compliance records
HS classification (ref. 8505.11)	Consistent declaration reduces the chance of customs queries
Packing declaration	Magnetic goods have carrier and air-freight handling requirements

5 Five Red Flags

- ☐ The supplier cannot say whether the part contains Dy or Tb
- ☐ "No license needed" — with no composition test report to support it
- ☐ The grade name is treated as proof of composition
- ☐ Quoted lead time is too short for a UH-or-higher grade part
- ☐ Compliance documents are offered **after** the shipment leaves, not before

6 What Else to Watch

- ☐ Controls apply to the **magnet material itself** — magnet powder, segments, tiles, rings and magnetic assemblies included
- ☐ Small quantities and express courier shipments are inspected too
- ☐ Deep-processed finished devices (motors, speakers) fall outside the magnet categories
- ☐ Rules continue to evolve — re-confirm requirements at each order, not once per year

Need help classifying your part? Send us the drawing and the operating temperature.

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We confirm material classification, export requirements and a realistic delivery schedule — within one business day.

Prepared by Hangzhou HS Hardwares Co., Ltd. as a practical procurement aid. General information only — not legal advice, and not a substitute for the official announcements or your own compliance review. Sources: MOFCOM & GACC Announcement No. 18 of 2025 (April 4, 2025); MOFCOM FAQ No. 4 on Dual-Use Items (Rare Earths, April 21, 2025); customs penalty decisions published 2025–2026. Grade classification and licensing timelines reflect HS Hardwares' own production and export experience, 2025–2026.