



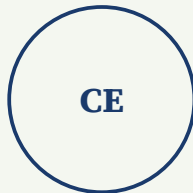
AirSpace Machinery

Power On, Worry Off

STRATEGIC COMPLIANCE MOAT · 2026 EDITION

9-Country Global Compliance Clauses Register

AirSpace Machinery Co., Ltd. — Strategic Moat Document



AirSpace Machinery Co., Ltd.

High-Performance Industrial Air Compression Systems · Power On, Worry Off.

STRATEGIC MOAT

A single reference covering BIS, SABER, RCM, NRCS, SONCAP, ECAS, INMETRO, NOM and TAREKS — every clause that gates market access for PMV screw air compressors across nine priority export territories.

Document Version 2026.07 — For reference only. Consult your local regulatory authority for applicability.

C O N T E N T S

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This register consolidates the certification, grid, documentation, duty and risk profile for each market into a single decision-grade reference. Treat every clause as import-blocking until cleared; the Strategic Risk line states the failure mode if it is not.



India – BIS Certification (Scheme X)

Bureau of Indian Standards · ISI Mark · IS 17093:2026

Deadline HARD CUT-OFF	September 1, 2026
Standard	IS 17093:2026 (Industrial Air Compressors)
Certification	BIS Scheme X (ISI Mark)
Grid	50Hz / 415V (3-Phase Industrial)
Key Documents Required	Factory test reports, BIS application, Local Indian Agent
Duty Structure	~7.5% + 18% GST
HS Code	8414.80

STRATEGIC RISK

Post-September deadline, no BIS = no import. Mandatory for all industrial units.

AirSpace Readiness: BIS IS 17093:2026 pre-cleared · CE & ISO 9001:2015 certified · 55°C ambient rating · 7-35 day factory-direct delivery · pre-cleared technical files.



Saudi Arabia — SABER + SASO Certification

SABER Platform · PCoC + SCoC · SASO + IEC/ISO Equivalents

Deadline ONGOING	Ongoing 2026 Enforcement
Standard	SASO + IEC/ISO Equivalents
Certification	SABER Platform (PCoC + SCoC)
Grid	60Hz / 380V-400V (Industrial)
Key Documents Required	Product Certificate of Conformity, Shipment Certificate of Conformity, Notified Body Review
Duty Structure	5% + 15% VAT
HS Code	8414.80

STRATEGIC RISK

No SCoC = shipment held at port. Arabic manuals mandatory.

AirSpace Readiness: SASO SABER-ready documentation · CE & ISO 9001 · 55°C ambient rating · 7-35 day factory-direct delivery · Arabic labelling supported.



Australia & New Zealand — RCM + AS/NZS

Regulatory Compliance Mark · Electrical Safety + EMC

Standard	AS/NZS 3788 (Pressure Vessels), AS/NZS 3000 (Wiring Rules), AS/NZS 4417.1 (RCM)
Certification	RCM (Regulatory Compliance Mark) — Electrical Safety + EMC
Grid	50Hz / 400V–415V
Key Documents Required	Declaration of Conformity, Test Reports, Australian/NZ Agent
Duty Structure	0–5% (AUS) / 0% (NZ via FTA)
HS Code	8414.80

STRATEGIC RISK

WorkSafe NZ/AUS can condemn non-compliant pressure vessels.

AirSpace Readiness: CE & ISO 9001:2015 certified · ISO 8573-1 Class 0 oil-free integrity · 55°C ambient rating · pre-cleared technical files for RCM Declaration of Conformity.



South Africa — NRCS LoA + SANS 347

NRCS Letter of Authority (LoA) · valid 3 years · SANS 347 Pressure Equipment

Standard	VC 9008 (Energy Efficiency), VC 8055 (Safety), SANS 347 (Pressure Equipment)
Certification	NRCS Letter of Authority (LoA) — valid 3 years
Grid	50Hz / 400V (3-phase)
Key Documents	LoA1 form, ISO 17025 test reports, SANS compliance proof, SA agent required
Duty Structure	5–10% + 15% VAT
HS Code	8414.80
2026 Update PVoC EXPANSION	PVoC programme expanding for China-origin goods

STRATEGIC RISK

No LoA = no legal import or sale.

AirSpace Readiness: ISO 17025-aligned factory test reports on file · CE & ISO 9001 · 55°C ambient rating · 7–35 day factory-direct delivery.



Nigeria — SONCAP Certification

PC (Product Certificate) + SC (SONCAP Certificate) — both pre-shipment

Standard	NIS (Nigerian Industrial Standards) or approved international
Certification	PC (Product Certificate) + SC (SONCAP Certificate) — both pre-shipment
Routes SONCAP TIERS	PC1 (\$500 / 6 mo), PC2 (\$1,000 / 12 mo), PC3 (\$2,000 / 12 mo)
Grid	50Hz / 400V (3-phase)
Key Documents	Tech data sheet, test reports, factory inspection, Form M
Duty Structure	5% duty (2026 reduction) + 7.5% VAT
HS Code	8414.80

STRATEGIC RISK

SONCAP cannot be obtained after departure. Form M must be opened before shipment.

AirSpace Readiness: CE & ISO 9001 · 55°C ambient rating · factory test reports ready for Form M opening · 7–35 day factory-direct delivery.



UAE — ESMA + ECAS / EESL

Emirates Conformity Assessment Scheme · EESL Energy Efficiency Registration

Standard	UAE.S 5011 (Compressors), UAE.S 5010 (Low Voltage), EESL (Energy Efficiency)
Certification	ECAS (Emirates Conformity Assessment Scheme), EESL registration
Grid	50Hz / 400V (3-phase)
Key Documents	ECAS CoC, EESL registration, test reports, local agent
Duty Structure	5% duty
HS Code	8414.80
2026 Update WILDCARD PHASE-OUT	Wildcard model IDs being phased out — must register exact models

STRATEGIC RISK

Shipment detention at Jebel Ali port if ECAS/EESL non-compliant.

AirSpace Readiness: CE & ISO 9001 · 55°C ambient rating · exact-model technical files prepared for ECAS/EESL registration · 7-35 day factory-direct delivery.



Brazil — INMETRO + ANEEL + NR-13

INMETRO (product + process) · NR-13 (Pressure Vessel Installation)

Standard	ABNT NBR (various), NR-13 (Pressure Vessels), INMETRO Portaria, ANEEL Grid
Certification	INMETRO (product + process), NR-13 (installation)
Grid △ 60 Hz — CRITICAL	60Hz / 220V-380V (3-phase) — CRITICAL: 50Hz motors will burn out
Key Documents	INMETRO certificate, NR-13 project, Portuguese manual, local agent
Duty Structure	40-100% (import + IPI + ICMS + PIS/COFINS)
HS Code	8414.80

STRATEGIC RISK

50Hz motors will burn out on 60Hz grid. 40-100% duty makes pricing non-competitive without local partner.

AirSpace Readiness: CE & ISO 9001 · 55°C ambient rating · 35% energy savings vs fixed-speed units · 7-35 day factory-direct delivery. Confirm 60Hz motor specification at quotation.



Mexico — NOM Certification

NOM · Secretaría de Economía / ANCE

Standard	NOM-001-SEDE (Electrical), NOM-016-ENER (Energy Efficiency), NOM-004-SCFI (Labelling)
Certification	NOM (Secretaría de Economía / ANCE)
Grid △ 60 Hz — CRITICAL	60Hz / 220V-480V (3-phase) — CRITICAL: 50Hz motors will burn out
Key Documents	NOM test report, Spanish manual, local agent (mandatory)
Duty Structure	41.8% (LIGIE) + 16% VAT
HS Code	8414.80
2026 Update LIGIE REFORM	LIGIE reform effective Feb 2026 — motor efficiency standards tightened

STRATEGIC RISK

60Hz grid requirement. 41.8% duty. Spanish manual mandatory.

AirSpace Readiness: CE & ISO 9001 · 55°C ambient rating · IE5 ultra-premium motor efficiency standard · 7-35 day factory-direct delivery. Confirm 60Hz motor specification at quotation.



Turkey — CE + TAREKS

CE Declaration of Conformity · TAREKS Registration · PED 2014/68/EU

Standard	CE (EU harmonized), TS EN standards, PED 2014/68/EU
Certification	CE Declaration of Conformity, TAREKS Registration
Grid	50Hz / 400V (industrial)
Key Documents	DoC (dated BEFORE Bill of Lading), test reports, PED certs, Turkish manual, CE plate
Duty Structure	~0-2.2% (screw) or ~4% (piston) + KDV 20% VAT
HS Code	8414.80.90.00.11 (screw) / 8414.30.20.00.00 (piston)
2026 Update COMMUNIQUÉ 2026/32	2026/32 Communiqué — "out-of-scope" loophole abolished; every shipment needs TAREKS

STRATEGIC RISK

DoC date after BoL date = automatic rejection.

AirSpace Readiness: CE Declarations of Conformity and technical files prepared pre-shipment (dated before Bill of Lading) · ISO 9001 · 55°C ambient rating.

SYNTHESIS



Common Threads Across All 9 Markets

The matrix below collapses the nine country profiles into the cross-cutting rules that drive every AirSpace export decision — grid frequency, language, agent, ambient rating, energy efficiency, duty band and digital customs portal.

Requirement	Applicable Markets
60Hz Grid (NOT 50Hz)	Brazil, Mexico
50Hz Grid	India, Saudi, AUS/NZ, SA, Nigeria, UAE, Turkey
Pre-Shipment Certification Required	Nigeria (SONCAP), Saudi (SCoC)
Local Agent / Legal Rep Required	India, South Africa, Brazil, Mexico, UAE
Spanish / Portuguese / Arabic Manuals	Brazil (PT), Mexico (ES), Saudi (AR), UAE (AR), Turkey (TR)
55°C Ambient Rating Critical	UAE, Brazil, Mexico, Saudi, Nigeria
Energy Efficiency Standards Active	India BIS, Mexico NOM-016-ENER, UAE EESL, SA VC 9008
Motor Frequency Must Match Grid	ALL — 50Hz ≠ 60Hz, motors burn out
Import Duty 20%+ on China Origin	Brazil (40–100%), Mexico (41.8%), Turkey (20% KDV), SA (15–20%+)
5% or Lower Duty	UAE (5% duty), Nigeria (5% duty 2026), Saudi (5% duty)
Digital Customs Portal	Turkey TAREKS, Saudi SABER, Brazil DUIMP, UAE MOIAT, Nigeria SONCAP Portal

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