

CERTIFICATE



AICB has accredited

OARC-LABORATORY **(Oman Aluminium Rolling Company SPC.)**

Sohar Industrial Estate, Phase 6, Plot No:603, P O Box 555, Falaj Al Qabail, PC 322
Sohar, Sultanate of Oman

for technical competence in the field of

**Chemical Testing of Water, Coolant & Emulsion, Chemical Composition Analysis
by Spectrometer and Mechanical Testing of Aluminium Rolled Products.**

This laboratory is accredited in accordance with the recognized international standard
ISO 17025:2017

General Requirements for the competence of testing and calibration laboratories.

This accreditation demonstrate technical competence for a defined scope and
the operation of a laboratory quality management system as per AICB Regulations.

Certificate No.: C2402-OM01

Date of certification: 08-12-2024

Date of Expiry: 07-12-2028

Next Audit due on : 07-12-2025



Director of Accreditation

Refer tp the office website: www.aicb.uk for scope of accreditation for the accredited lab
Certification Schedule :2402-1 is important part of this certificate and it is to be used

CERTIFICATE



No.: 2402-1

CERTIFICATION SCHEDULE

This certification schedule is integral part of certificate no. C2402-OM01 which is issued to OARC Laboratory (Oman Aluminium Rolling Company SPC).

Tests Carried Out Under Scope:

Sr. No.	FIELDS OF TEST	ITEMS, MATERIALS OR PRODUCTS TESTED	SPECIFIC TESTS PROPERTIES MEASURED	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED
1	(CHEMICAL)	HRM Emulsion	Viscosity	ASTM D445
			Conductivity	DIN EN 27888
			pH	DIN 38404
			Ester	FTIR ASTM 168, ASTM 1252-98
			Ash	
			Emulsion stability Index (ESI)- Oil concentration of Emulsion-Rota Vapor	
1	(CHEMICAL)	CRM coolant	Viscosity	ASTM D445
			Water content	ASTM D6304
			Ester/alcohols	FTIR/ASTM 168, ASTM 1252-98
			staining test	
			Oil conductivity	D2624
			KF standardization	ASTM D6304
1	MECHANICAL ANALYSIS OF ALUMINIUM		Tensile testing-	ASTM E8 & ASTM B557
			Coil Conductivity	ASTM1004
			Bend test	ASTM E290
			Grain size measurement	ASTM E112, ASTM 407
			Metallographic Analysis	ASTM E3, ASTM 407
			Ericksen cupping test	-ASTM 643-15, ISO 20482:2013
1	CHEMICAL ANALYSIS	Spectrometry analysis of Aluminium	Aluminium Purity/ other Contents	ASTM E 1251:2019

The test carried out other the tests mentioned in this schedule will not be under the accreditation. Violation of norms will lead to cancellation of accreditation.

Continuation of the accreditation will depend on the yearly surveillance assessment.

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Director of Accreditation

