



ACCREDITATION CERTIFICATE

133-LB-TEST

Emirates International Accreditation Centre

has accredited

EMIRATES GLOBAL ALUMINIUM (EGA) LABORATORIES

Al Taweelah, KIZAD, Abu Dhabi- United Arab Emirates

In accordance with the requirements of

ISO/IEC 17025:2005

General requirements for the competence of testing and calibration laboratories
to undertake the tests in the attached accreditation scope

This Accreditation is invalid without the attached accreditation scope and shall remain in force
within the validity period printed below, subject to continuing compliance with the requirements of
the accreditation criteria.

Validity: 13/03/2019 to 27/01/2022

Initial Accreditation Date: 28/01/2016



CHIEF EXECUTIVE OFFICER
APPROVAL



Accreditation Scope

Metallurgical Testing

133-LB-TEST

Emirates Global Aluminium (EGA) Laboratories

Al Taweelah, KIZAD, Abu Dhabi- United Arab Emirates

Issue no.: 03 Rev. 00

Date: 13-03-2019

Valid to: 27-01-2022

Type of Activity	Test Materials/Products	Test Name	Test Method
Metal Cleanliness Testing	Aluminum & Aluminum Alloys	PoDFA inclusion measurement	In-House Method EGA.CH.MET./TSK.01.01
		AISCAN hydrogen measurement	In-house Method EGA.CH.MET./TSK.01.02
Optical Metallography	Aluminum & Aluminum Alloys	-Spheroidization of Alpha AlFeSi Intermetallic Particles	In-House Method: EGA.CH.MET./TSK.02.03 EGA.CH.MET./TSK .02.09
		Secondary Porosity Density	EGA.CH.MET./TSK.03 EGA.CH.MET./TSK.03.06
		Grain Size by Intercept Method Standard Test Methods for Determining Average Grain Size	In-House Method EGA.CH.MET./TSK. 03.01 ASTM E112
Chemistry	Aluminum disc Samples	Standard Test Method for Analysis of Aluminum and Aluminum Alloys by Spark Atomic Emission Spectrometry using semi-automatic and fully automatic ARL 4460 OES instruments in three different locations: LAB 1 (Quantometer 1&2) LAB 2 (Quantometer 4) LAB 3 (Quantometer 5)	ASTM E 1251 QTL .TSK.06 and QTL .TSK.31

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Type of Activity	Test Materials/Products	Test Name	Test Method
Physical	Aluminum & Aluminum Alloys	Density Index by VAC Test	In-house Method EGA.CH.MET./TSK.04.01

Accreditation History			
Issue no.	Rev. no.	Details	Date
03	00	Reduction in scope, renewal of the certificate and first issuance under the name of EIAC (which formally was	13/03/2019