



ACCREDITATION CERTIFICATE

132-LB-TEST

Emirates International Accreditation Centre

has accredited

EMIRATES GLOBAL ALUMINIUM (EGA) LABORATORIES

Jebel Ali, Dubai- 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 20/01/2022

Initial Accreditation Date: 21/01/2016



CHIEF EXECUTIVE OFFICER
APPROVAL



Accreditation Scope

Metallurgical Testing

132-LB-TEST

Emirates Global Aluminium (EGA) Laboratories

Jebel Ali, Dubai- United Arab Emirates

Issue no.: 03 Rev. 00

Date: 13-03-2019

Valid to: 20-01-2022

Type of Activity	Test Materials/Products	Test Name	Test Method
Mechanical	Aluminum & Aluminum alloys	Brinell Hardness Testing (10/500 Kgm) Standard Test Method for Brinell Hardness of Metallic Materials	In-House Method EGA.CH.MET. TSK.05.01 ASTM E10
		Metallic materials - Tensile testing Part 1: Method of test at room temperature (Method B)	In-House Method EGA.CH.MET./TSK.05.02 ISO 6982 Part 1
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 EGA.CH.MET./TSK.03
		Secondary Porosity Density	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

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Type of Activity	Test Materials/Products	Test Name	Test Method
Chemistry	Aluminum disc Samples	Standard Test Method for Analysis of Aluminum and Aluminum Alloys by Spark Atomic Emission Spectrometry Optical Emission Spectroscopy using Thermo-ARL 4460 instruments in two locations: LAB 1 & LAB 2.	ASTM E 1251 Together with In-house Method: TL/MTD.11.03 TL/MTD.11.29 TL/MTD.11.31 for robotic Quantometers 5, 6 & 8 and for manual Quantometers 3 & 7
Physical	Aluminum & Aluminum Alloys	Determination of density and density index using 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 known as DAC)	13/03/2019