



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

GLOBAL STEEL WIRE, S.A.  
Nueva Montana s/n  
Santander 39011  
C.I.F. A08080533 Spain  
Ana Arrieta Perez Phone: +00 34 942 200 248

CHEMICAL

Valid To: May 31, 2021

Certificate Number: 4079.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following tests on metallic materials, ferroalloys, additives, iron ores, furnace dust, slags and coal:

<u>Test</u>	<u>Test Method</u>
Chemical Analysis by Optical Emission Spectrometry (OES) Low and Medium Alloy Steels and Free Cutting Steels (Al, As, B, Bi, C, Ca, Co, Cr, Cu, Mn, Mo, Nb, Ni, P, Pb, S, Se, Si, Sn, Ti, V)	PT-LQ-01
Chemical Analysis by Infrared Absorption - Ferroalloys, Additives, Iron Ores and Coals (C, S)	SOP LQ 11; ILQ-02
Chemical Analysis by Infrared Absorption - Low and Medium Alloy Steels and Free Cutting Steels (C, S)	ILQ-02
Chemical Analysis by Infrared Absorption - Low and Medium Alloy Steels, Free Cutting Steels, Ferroalloys, Additives, Iron Ores and Coals (O <sub>2</sub> )	ILQ-03
Chemical Analysis by Thermal Conductivity - Low and Medium Alloy Steels and Free Cutting Steels (H <sub>2</sub> )	SOP LQ-13
Chemical Analysis by Thermal Conductivity - Low and Medium Alloy Steels, Free Cutting Steels, Ferroalloys, Additives, Iron Ores and Coals (H <sub>2</sub> , N <sub>2</sub> )	ILQ-03;
Chemical Analysis by X-Ray Fluorescence (XRF) - Ferroalloys, Additives, Iron Ores, Furnace Dust and Slags (Al, B, Ba, Bi, Ca, Cr, Cu, Fe, Mn, Mo, Nb, Ni, P, Pb, Si, Ti, V, Zn, Zr, SiO <sub>2</sub> , CaO, Al <sub>2</sub> O <sub>3</sub> , MgO, TiO <sub>2</sub> , MnO, ZnO)	PT LQ-05; SOP LQ-17



# Accredited Laboratory

A2LA has accredited

**GLOBAL STEEL WIRE, S.A.**

*Santander, Spain*

for technical competence in the field of

**Chemical Testing**

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017 *General requirements for the competence of testing and calibration laboratories*. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communiqué dated April 2017).



Presented this 17<sup>th</sup> day of December 2019.

A blue ink signature of the Vice President of Accreditation Services.

Vice President, Accreditation Services  
For the Accreditation Council  
Certificate Number 4079.01  
Valid to May 31, 2021

*For the tests to which this accreditation applies, please refer to the laboratory's Chemical Scope of Accreditation.*