Accreditation No: LAB-059
Awarded to
QAD Laboratory of
Peoples Steel Mills Ltd.
Karachi-Pakistan

The scope of accreditation is in accordance with the standard specifications outlined in the following page(s) of this document. The accredited scope shall be visible and legible in areas such as customer service, sample-receiving section etc and shall not mislead its users.

The accreditation was first time granted on **09-01-2013** by Pakistan National Accreditation Council.

The laboratory complies with the requirements of **ISO/IEC 17025:2017**

The accreditation requires regular surveillance, and is valid until **27-03-2025**

The decision of accreditation made by Pakistan National Accreditation Council implies that the organization has been found to fulfill the requirements for accreditation within the scope.

The organization however, itself is responsible for the results of performed measurements/tests.

PAKISTAN NATIONAL ACCREDITATION COUNCIL

01-08-22	SD
Date	Director General

PNAC
Pakistan National Accreditation Council

Testing Laboratory

Accreditation Scope of
QAD Laboratory of Peoples Steel Mills Ltd.
Karachi-Pakistan

Permanent laboratory premises ☒

Materials/Products tested	Testing field (e.g. environmental testing or mechanical testing)	Types of test/ Properties measured	Reference to standardized method (e.g. ISO 14577-1:2003)/ Internal method reference
Metallic Materials	1-Chemical test by Optical Emission Spectrometer	Elemental Analysis Al, As, B, C, Co, Cr, Cu, Mn, Mo, Ni, P, S, Si, Sn, Ti,V and W	ASTM- E-1009, E 415
	2-Gas Analysis	Carbon Sulphur, Oxygen, Nitrogen and Hydrogen	ASTM- E1019,
	3-Mechenical Testing	Tensile Test Yield Test % elongation Reduction Area Bend Test. HRC,HB,HRB Impact test	ASTM E10,E18, E23, A 370, ISO6892-1, ISO6506, ISO6508
	4- Metallographic Testing	Grain size, metals & oxide coating thickness, microstructure of graphite (flakes), Depth of Decarburization, Micro Hardness(HVN)	ASTM E3, 407, E340, E112, E384, E1077, A247, B48758
	5-Wet Chemical Analysis	Fe Mn (H/C) Fe Cr (H/C)	ASTM- E31, E363

___01-08-2022___
Date

___Sd___
Director