



ACCREDITATION CERTIFICATE

Issued under the authority of Bangladesh Accreditation Act, 2006
by Bangladesh Accreditation Board (BAB), Ministry of Industries to

Leon Inspection & Testing (Bangladesh) Private Limited

BEPCL Power Plant, Nishanbaria

Taltoli, Barguna, Bangladesh

This is to certify that this

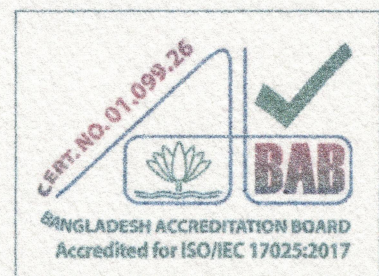
Testing Laboratory

is accredited in accordance with the international standard

ISO/IEC 17025:2017

in respect of the associated scope, subject to the terms and
conditions governing the relevant conformity assessment
body (CAB) accreditation.

Certificate Number : 01.099.26
Accreditation Date : 19 May 2026
Date of Issuance : 19 May 2026
Date of Expiration : 18 May 2029



A. Z. Islam.
19.05.26
Mohd. Aminul Islam
Director General

This certificate must be returned on request; reproduction must follow BAB guidelines. For the specific
scopes to which this accreditation applies, please refer to the Directory of CABs at BAB website.

SCOPE OF ACCREDITATION

(For Testing Laboratory)

CAB Name & Address: Leon Inspection & Testing (Bangladesh) Private Limited
BEPCL Power plant, Nishanbaria, Taltoli, Barguna, Bangladesh.

Accreditation Standard: ISO/IEC 17025:2017

Accreditation Date: 19 May 2026

Certificate Number: 01.099.26

Issued on: 19 May 2026

Last Amended on: NA

Valid until: 18 May 2029

Amendment no: NA

S.N.	Products/ Materials/ Items of test	Type of tests performed	Specifications/ Standard test methods/Techniques used	Range of testing/Limit of detection
Field: CHEMICAL TEST				
01	COAL	ASH	ISO 1171/ASTM D3174	1%-50%/0.01%
02	COAL	VOLATILE MATTER (VM)	ISO 562/ASTM D3175	1%-70%/0.01%
03	COAL	SULPHUR(S)	ISO 20336/ASTM D4239	0.1%-10%/0.01%
04	COAL	GROSS CALORIFIC VALUE(GCV)	ISO 1928/ASTM D5865	15 MJ/kg-35MJ/kg / 0.001MJ/kg
05	COAL	CARBON(C)	ISO 29541/ASTM D5373	10%-90%/0.01%
06	COAL	HYDROGEN(H)	ISO 29541/ASTM D5373	0.5%-20%/0.01%
07	COAL	NITROGEN(N)	ISO 29541/ASTM D5373	0.1%-20%/0.01%
Field: PHYSICAL TEST				
08	COAL	TOTAL MOISTURE (TM)	ISO 589/ASTM D2961 /ASTM D3302	5%-60%/0.01%
09	COAL	INHERENT MOISTURE (Mad)	ISO 11722/ASTM D3173	1%-50%/0.01%
10	COAL	HARDGROVE GRINDABILITY INDEX (HGI)	ISO 5074/ASTM D409	30-65/1
11	COAL	FIXED CARBON	ISO 17246/ASTM D3172	40%-80%/0.01%
12	COAL	INITIAL DEFORMATION TEMPERATURE	ISO 540/ASTM D1857	800-1500 deg C /1 deg C
13	COAL	SPHERICAL TEMPERATURE	ISO 540/ASTM D1857	800-1500 deg C /1 deg C
14	COAL	HEMISPHERICAL TEMPERATURE	ISO 540/ASTM D1857	800-1500 deg C /1 deg C
15	COAL	FLOW TEMPERATURE	ISO 540/ASTM D1857	800-1500 deg C /1 deg C

END



Quality Manager