



ACCREDITATION CERTIFICATE

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

Bangladesh Industrial X-Ray

**House-11, Road-02, Block-B, Section-10, Mirpur
Dhaka-1216, 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 : 01.091.24
Accreditation Date : 04 December 2024
Date of Issuance : 04 December 2024
Date of Expiration : 03 December 2027



[Signature]
04.12.2024
Md. Anwarul Alam
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: Bangladesh Industrial X-Ray

House-11, Road-02, Block-B, Section-10, Mirpur, Dhaka-1216, Bangladesh.

Accreditation Standard: ISO/IEC 17025:2017

Accreditation Date: 04 December 2024

Certificate Number: 01.091.24

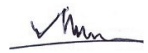
Issued on: 04 December 2024

Last Amended on: NA

Valid until: 03 December 2027

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: Non-destructive Testing				
1.	Non-Destructive Testing on Weld & Material Internal Integrity (Metallic Materials)	Radiographic Detection and Characterization of Discontinuities (Film Radiography).	As per BIX/RT/04-03, Rev.07 Reference: ASME Sec V Article-2 &22, ASME B 31.1, ASME B 31.3 ASME B 31.4 ASME B31.8 ASME Sec. 1 ASME Sec VIII Div. 1 & 2, ASME Sec IX, API 620 API 650 API 1104 AWS D1.1 (Version: ASME SEC-V, SEC-VIII, SEC-IX-2023, ASME B31.1, B31.3-2022; API-1104-2021, AWS-2020)	X ray: (2-50) mm Gamma ray Iridium 192: 5mm to 70mm Max 2% sensitivity
2.	Non-Destructive Test on Welds & Metallic Surfaces (Surface & Sub- surface of Ferrous Metals & Alloys)	Magnetic Particle Test for Detection of Surface & Sub Surface Discontinuities	As per BIX/MPT/04-02, Rev. 04 Reference: ASME Sec V Article-7 16,25-Version- 2023, ASME Sec VIII Div. 1 & 2, ASME Sec IX, ASME B 31.1, ASME B 31.3 (Version: ASME SEC-V, SEC-VIII, SEC-IX-2023, ASME B31.1, B31.3-2022; API-1104-2021)	Surface and Sub- Surface Discontinuities (Up to 5 mm Depth)
3.	Non-Destructive Test on Welds, Forging & Casting Metallic	Dye Penetration Test of Discontinuities (Solvent Removable)	As per BIX/DPTP/08-03, Rev. 04 Reference: ASME Sec V Article-6 &24,	Defects open to Surface


Quality Manager

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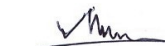
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House-11, Road-02, Block-B, Section-10, Mirpur, Dhaka-1216, Bangladesh.

Accreditation Standard:	ISO/IEC 17025:2017	Accreditation Date:	04 December 2024
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S.N.	Products/ Materials/ Items of test	Type of tests performed	Specifications/ Standard test methods/Techniques used	Range of testing/Limit of detection
	Surfaces (Metallic Materials)		ASME Sec VIII Div. 1 & 2, ASME Sec IX, ASME B 31.1, ASME B 31.3 API 650 AWS D1.1 (Version: ASME SEC-V, SEC-VIII, SEC-IX-2023, ASME B31.1, B31.3-2022; API-1104-2021, AWS- 2020).	
4.	Non-Destructive Testing on Weld Joints, Casting, steel plate & Forging Materials of Internal Integrity	Ultrasonic Detection and Characterization of Internal Flaws / Detection of Surface & Sub Surface Flaws / Thickness measurement	As per BIX-UT-15, Rev. 03 Reference: ASME Sec V Article-4, 5,23, ASME Sec VIII Div.1 & 2, ASME Sec IX, ASME B 31.1, ASME B 31.3 (Version: ASME SEC-V, SEC-VIII, SEC-IX-2023, ASME B31.1, B31.3-2022; API-1104-2021)	3mm~300mm/ λ/2 detection sensitivity

END



Quality Manager