



# 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**

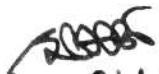
is accredited in accordance with the international standard

**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



  
04.09.2024  
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.

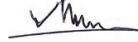
## SCOPE OF ACCREDITATION

(For Testing Laboratory)

**CAB Name & Address:** **Bangladesh Industrial X-Ray**  
 House-11, Road-02, Block-B, Section-10, Mirpur, Dhaka-1216, Bangladesh.

<b>Accreditation Standard:</b>	ISO/IEC 17025:2017	<b>Accreditation Date:</b>	04 December 2024
<b>Certificate Number:</b>	01.091.24	<b>Issued on:</b>	04 December 2024
<b>Last Amended on:</b>	NA	<b>Valid until:</b>	03 December 2027
<b>Amendment no:</b>	NA		

S.N.	Products/ Materials/ Items of test	Type of tests performed	Specifications/ Standard test methods/Techniques used	Range of testing/Limit of detection
<b>Field: Non-destructive Testing</b>				
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



## SCOPE OF ACCREDITATION

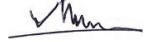
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**Amendment no:** NA

S.N.	Products/ Materials/ Items of test	Type of tests performed	Specifications/ Standard test methods/Techniques used	Range of testing/Limit of detection
	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