



**National Accreditation Board for
Testing and Calibration Laboratories**

CERTIFICATE OF ACCREDITATION

SKB METALLURGICAL SERVICES LLP

has been assessed and accredited in accordance with the standard

ISO/IEC 17025:2017

**"General Requirements for the Competence of Testing &
Calibration Laboratories"**

for its facilities at

144/6, DHARMATALA ROAD, SALKIA, HOWRAH, WEST BENGAL, INDIA

in the field of

TESTING

Certificate Number: TC-8027

Issue Date: 21/05/2026

Valid Until: 09/10/2029

This certificate supersedes the Certificate No. TC-8027 with issue date 10/10/2025 in view of change in legal entity of the laboratory.

This certificate remains valid for the Scope of Accreditation as specified in the annexure subject to continued satisfactory compliance to the above standard & the relevant requirements of NABL.

(To see the scope of accreditation of this laboratory, you may also visit NABL website www.nabl-india.org)

Name of Legal Entity: SKB METALLURGICAL SERVICES LLP

Signed for and on behalf of NABL



Anita Rani
Director

Dr. Ramanand N. Shukla
Chief Executive Officer



**MODSONIC
INSTRUMENTS
MFG. CO. (P) LTD.**
(ISO 9001:2015 Certified)



REGD. OFFICE & FACTORY: Elecon I.I.H.E Campus,
Survey No. 340P & 343, Anand-Sastra Road,
Vallabh Vidyanagar - 388 120, Gujarat, India
E-mail: modsonic@modsonic.com
Web: www.modsonic.com
CIN : U31990GJ1979PTC055623

No: UFD/E6521/2526/2345

Date: 26-03-2026

TEST AND CALIBRATION CERTIFICATE

PRODUCT : DIGITAL ULTRASONIC FLAW DETECTOR
MODEL/SR.NO. : Einstein-II DGS/E6521-3220
SUPPLIED TO : SKB METALLURGICAL SERVICES LLP.
HOWRAH
VALID UPTO : 18-03-2027

We certify that the above machine was tested and calibrated by us on 19/03/2026 in accordance with the ASTM-E317-21 using Ultrasonic Block (IIW - V1 Block) identified with Sr. No.: 2868-05-2022 calibrated / certified by NPL – New Delhi (vide Certificate No. 24090850/D1.06/C-145 dated 11/10/2024 valid up to 11/10/2026. Following are the values of the important parameters evaluated by us.

1. **Horizontal Linearity** : Non-Linearity within $\pm 1\%$ (plus/minus one percent) for 0 % to 100% FS range.
2. **Vertical Linearity** : Non-Linearity within $\pm 5\%$ (plus/minus five percent) for 0% to 100 % FS range.
3. **Resolution** :
 - (A) **Near Surface Resolution** : Modsonic Probe Type MM4SN (10mm dia. x 4MHz) could distinctly resolve a Flat Bottom Hole (FBH) of 8/64" dia. (3.175mm dia.) at a metal distance of 0.3" (7.62mm) from the near surface.
 - (B) **Far Surface Resolution** : Modsonic Probe as in 3 (A) above could distinctly resolve a Flat Bottom Hole (FBH) of 3/64" dia. (1.19mm dia.) at a metal distance of 0.25" (6.35mm) from far surface.
4. **Sensitivity** : Modsonic probe as in 3(A) above could distinctly detect a FBH of 1/64" dia. in Aluminium block type 1-0300 with the gain 76dB and signal to noise ratio of 6:1.
5. **Penetration** : Modsonic probe type M2SN (24mm dia. x 2MHz) gave little more than 5 (five) full scale reflections and 6th appearing on the perspex in V1 (IIW type) Reference Block, with noise level of about 10%.
(Scan QR Code To Authenticate)

Calibrated By : UTPAL

Designation : SR.ENGINEER



This is a computer generated document and does not require a signature.



आवेदन संदर्भ सं. Application Reference No.	आवेदन तिथि Date of Application	केस फाइल नंबर Case File Number	दस्तावेज नंबर Document No.	जारी करने की तिथि Date of Issuance	समाप्ति की तिथि Date of Expiry
24-1402354	04/10/2024	WB-24010-INST	24-IRLOP- 1210128	14/10/2024	14/10/2027

LICENCE FOR OPERATION OF INDUSTRIAL RADIOGRAPHY FACILITY

परमाणु ऊर्जा अधिनियम, 1962 की धारा 16 तथा 17, जो लागू हो के तहत प्रदत्त शक्तियों का प्रयोग करते हुए परमाणु ऊर्जा (विकिरण संरक्षण) नियम {एई(आरपी)आर}, 2004 के नियम (3) के संयोजन में, परमाणु ऊर्जा नियामक परिषद (एईआरबी) विकिरण फैसिलिटी के संचालन हेतु लाइसेंस जारी करता है।

In exercise of powers conferred under Sections 16 and 17, as applicable, of Atomic Energy Act, 1962 read in conjunction with Rule (3) of the Atomic Energy (Radiation Protection) Rules [AE(RP)R], 2004, the Atomic Energy Regulatory Board(AERB) issues Licence for operation of radiation facilities.

उपरोक्त संदर्भित आवेदन सं. के संदर्भ में, नियोजक SKB METALLURGICAL SERVICES, Howrah के Mr. SWAPAN KUMAR SAMANTA इसके बाद से इसे लाइसेंसधारक कहा जाएगा, जिसमें निर्दिष्ट प्रावधानों का पालन करने का वचन दिया गया है।

With reference to application no. referred above, the employer Mr. SWAPAN KUMAR SAMANTA of SKB METALLURGICAL SERVICES, Howrah hereinafter referred as Licensee, having undertaken to comply with the provisions specified in the

- परमाणु ऊर्जा अधिनियम, 1962 तथा उसके अंतर्गत बनाए गए नियम Atomic Energy Act, 1962 and the rules framed thereunder,
- संचालन चरणों के लिए निर्दिष्ट आवश्यकताओं के अनुसार लागू कोड, मानक तथा गाइड* Applicable Codes, Standards and Guides* as specified giving requirements for operation stages
- सक्षम प्राधिकारी द्वारा जारी कोई भी आदेश/निर्देश Any Orders/Directives# issued by the Competent Authority,

परिशिष्ट-1 में निर्दिष्ट इस लाइसेंस के नियमों और शर्तों के अनुसार तालिका 1 (पृष्ठ के दूसरी ओर) में निर्दिष्ट फैसिलिटी को संचालित करने के लिए एतद्वारा अधिकृत है। is hereby authorized to operate the facility as specified in the Table 1 (overleaf) in accordance with the Terms & conditions of this license specified in Appendix-1,

यह लाइसेंस केवल विकिरण सुरक्षा की दृष्टि से जारी किया जाता है। अन्य सभी स्वीकृतियां संबंधित केंद्रीय/राज्य/स्थानीय प्राधिकारियों से यथा लागू प्राप्त की जाएंगी। This License is issued only from the radiation safety view point. All other clearances shall be obtained from concerned central/state/local authorities as applicable.



परमाणु ऊर्जा नियामक परिषद, नियामक भवन, अनुशक्तिनगर, मुंबई 400094 (महाराष्ट्र)
Atomic Energy Regulatory Board, Niyamak Bhavan, Anushaktinagar, Mumbai 400094 (Maharashtra)

वेबसाइट/Website: www.aerb.gov.in

दूरभाष/Tel. 91 22 2599 0656

फैक्स/Fax: 91 22 2599 0650

Bhartia Infra Projects Ltd.

Authorized Signatory

जारीकर्ता प्राधिकारी Issuing Authority

हस्ताक्षर Signature

प्राधिकारी का नाम Name of the Authority

पदनाम Designation

DR. P. K. DASH SHARMA

Head, RSD

आवेदक का नाम और संवार पता

MR. SWAPAN KUMAR SAMANTA,
SKB METALLURGICAL SERVICES,
144/6, DHARMATALA ROAD,
SALKIA DHARMATALA BAZAR,
HOWRAH-711106,
WEST BENGAL.

* लागू कोड, मानक और गाइड <https://elora.aerb.gov.in/ELORA/PDFs/List%20of%20regulatory%20documents%20-practice%20wise.pdf> पर उपलब्ध है। The applicable Codes, Standards and guides are available at <https://elora.aerb.gov.in/ELORA/PDFs/List%20of%20regulatory%20documents%20-practice%20wise.pdf>

अतिरिक्त आदेश/निर्देश Additional Order/directive:

Bhartia Infra Projects Ltd.


Authorised Signatory



परमाणु ऊर्जा आयोग नियंत्रण बोर्ड, अणुशक्ति भवन, मुंबई 400094 (महाराष्ट्र)
Atomic Energy Regulatory Board, Niyatrik Bhavan, Anushaktinagar, Mumbai 400094 (Maharashtra)

आवेदन संदर्भ सं. Application Reference No.	आवेदन तिथि Date of Application	केस फाइल नंबर Case File Number	दस्तावेज नंबर Document No.	जारी करने की तिथि Date of Issuance	समाप्ति की तिथि Date of Expiry
24-1402354	04/10/2024	WB-24010-INST	24-IRLOP- 1210128	14/10/2024	14/10/2027

सारणी Table 1

INDUSTRIAL RADIOGRAPHY फैसिलिटी का विवरण
Details of INDUSTRIAL RADIOGRAPHY FACILITY

प्रैक्टिस Practice	INDUSTRIAL RADIOGRAPHY
प्रयोजन Purpose	Industrial Radiography
रेडियोधर्मी स्रोत का विवरण Radiation Source Details	As per 'CONSENT FOR ROUTINE OPERATION OF RADIATION SOURCE'
फैसिलिटी/संस्थापन का स्थान Location of facility/installation	SKB METALLURGICAL SERVICES, 144/6, DHARMATALA ROAD,, SALKIA DHARMATALA BAZAR, HOWRAH-711106, WEST BENGAL. AND As per Permission for movement obtained

जारीकर्ता प्राधिकारी Issuing Authority

हस्ताक्षर Signature

प्राधिकारी का नाम Name of the Authority

DR. P. K. DASH SHARMA

पदनाम Designation

Head, RSD

Bhartia Infra Projects Ltd.

(Signature)

Authorised Signatory



परमाणु ऊर्जा विनियमन परिषद्, नियामक भवन, अणुशक्तिनगर, मुंबई 400094 (महाराष्ट्र)
Atomic Energy Regulatory Board, Nyamak Bhavan, Anushaktinagar, Mumbai 400094 (Maharashtra)

वेबसाइट/Website: www.aerb.gov.in

दूरभाष/Tel: 01-22-2599 0650

फैक्स/Fax: 01-22-2599 0650

DETAILS OF TRAINING AND EXAMINATION

NAME : **SHYAM SUNDAR SAMANTA**

ORGANISATION : **SKB METALLURGICAL SERVICES**

ACADEMIC
QUALIFICATION : **H.S**

EXPERIENCE
IN THE METHOD : **188 MONTHS**



TRAINING IMPARTED : **ULTRASONIC- TESTING-LEVEL-II**

PERIOD :
07.05.11 - 19.05.11

THEORETICAL : **24 HOURS**

PRACTICAL : **24 HOURS**

EXAMINATION
DATE : **22.05.2011**

RESULT OF
EXAMINATION :

GENERAL :

SPECIFIC :

PRACTICAL :

COMPOSITE :

MARKS OBTAINED

% OBTAINED

WEIGHTAGE FACTOR

PASS MARKS

34

85.0

0.40

16

80.0

0.20

34

85.0

0.40

83.3

COMPOSITE
-80 % (MIN.)
INDIVIDUAL
-70 % (MIN.)

RESULT OF
PHYSICAL
EXAMINATION

NEAR VISION

LEFT EYE

RIGHT EYE

COLOUR VISION

REMARKS

OK

OK

NORMAL

SATISFACTORY

DATE OF CERTIFICATE : **22.05.2021**

PLACE **SALKIA, HOWRAH**

This Certificate is revalidated
up to 20.05.2031



Samanta Cer. Basu -
ASNT Level III Examiner



METALLURGICAL TRAINING SERVICES

144/6, Dharmatala Road,
Salkia • Howrah • Pin - 711106
W.B. • India

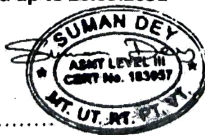
This is to certify that Shri SHYAM SUNDAR SAMANTA
of SKB METALLURGICAL SERVICES *has satisfactorily*
completed a training course and passed the examination in ULTRASONIC TESTING LEVEL-II *in accordance with*
the requirements of ASNT-SNT-TC-1A..

The details of training and examination are furnished overleaf.

This certificate is issued to enable the employer to certify the individual to requirements of
ASNT-SNT-TC-1A..

Validity of this certificate upto 21.05.2026 *and extendable as per the requirements of*
SNT-TC-1A.. *This Certificate is revalidated up to 20.05.2031*

CERTIFICATE NO. NDT/UT/175



Prasanta Kumar Basu
ASNT Level III Examiner

DETAILS OF TRAINING AND EXAMINATION

NAME : *SHYAM SUNDAR SAMANTA*

ORGANISATION : *SKB METALLURGICAL SERVICES*

ACADEMIC QUALIFICATION : *H.S*

EXPERIENCE IN THE METHOD : *188 MONTHS*



TRAINING IMPARTED : *ULTRASONIC- TESTING-LEVEL-II*

PERIOD :
07.05.11 - 19.05.11

THEORITICAL : *24 HOURS*
PRACTICAL : *24 HOURS*

EXAMINATION DATE :
22.05.2011

RESULT OF EXAMINATION :

GENERAL :
SPECIFIC :
PRACTICAL :
COMPOSITE :

MARKS OBTAINED

% OBTAINED

WEIGHTAGE FACTOR

PASS MARKS

34

85.0

0.40

16

80.0

0.20

34

85.0

0.40

83.3

COMPOSITE
-80 % (MIN.)
INDIVIDUAL
-70 % (MIN.)

RESULT OF PHYSICAL EXAMINATION

NEAR VISION

LEFT EYE

RIGHT EYE

OK

OK

COLOUR VISION

NORMAL

REMARKS

SATISFACTORY

DATE OF CERTIFICATE : *22.05.2011*

PLACE *SALKIA, HOWRAH*

This Certificate is revalidated
up to 20.05.2031



Prasanta C. Basu -
ASNT Level III Examiner