



INSPECTION & TESTING ENGINEERS

F-22&23, Site-C, Surajpur Industrial Area, UPSIDC, Greater Noida, Gautam Budh Nagar-201306 (U.P.) INDIA
Mobile : +91 9810059715, +91 9891174696, Phone : +91 120 4310675
E-mail : ite.noida@hotmail.com, Website: <http://www.itenoida.com>, <http://www.inspectionandtestingengineers.com>

Memorandum of Understanding

Between

PES ENGINEERS PRIVATE LIMITED

Plot No. A-10, Phase 1, ESIPL, Sitarganj- 262405

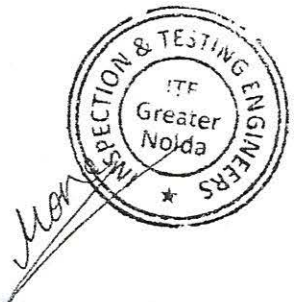
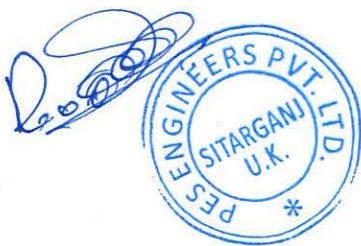
Dist: Udham Singh Nagar, Uttarakhand

And

Inspection & Testing Engineers

F-22 & 23, Site C, Surajpur Industrial Area

UPSIDC, Greater Noida – 201306 (U.P.)





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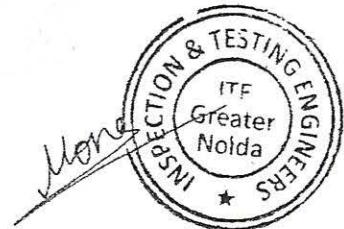
This Memorandum of Understanding (here in after called MOU) was made between PES Engineers Private Limited (Here in after called PES Engineers Private Limited) and Inspection & Testing Engineers (Here in after called ITE Greater Noida) for conducting Industrial Radiographic Testing, Ultrasonic Testing, Dye Penetrate Testing, Magnetic Particle Testing, Phase Array Ultrasonic Testing, Mechanical Testing, Chemical Testing, Metallurgical and Micro Structure Analysis Testing for the raw material, equipment manufactured / fabricated, Manufacturing of steel Bridge Griders for Indian Railway by PES Engineers Private Limited at its works and various project sites.

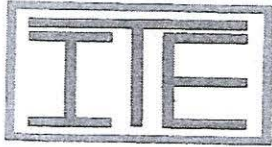
The MOU made and entered on the 16th day of June 2026 between PES Engineers Private Limited & Inspection & Testing Engineers (ITE).

Whereas PES Engineers Private Limited requires different tests for Weld Joints and raw materials including Mechanical & Chemical testing, Ultrasonic Testing and Radiography Testing, Penetrate Testing, Magnetic Particle Testing, Phase Array Ultrasonic Testing, pipe line and components. Now PES Engineers Private Limited and ITE come to an understanding that ITE (approved by BARC for RT, NDT level II approved person for UT, MPT, DPT, PAUT & NABL accreditation for Mechanical & Chemical Testing of Steel) will require NDT / Destructive tests as and when required at PES Engineers Private Limited, works and other Project sites.

Further it was agreed that:-

- ITE will provide required testing equipment along with qualified / approved manpower to conduct the tests. The equipment must the client's specification and may differ from client to client.
- ITE will be responsible for safe transportation and storage of equipment as per AERB guide line. PES Engineers Private Limited shall provide required storage facilities and security arrangements atworks and other project sites.
- It is the responsibility of ITE show provides certificates on demand by client and requirement may differ from client to client.
- PES Engineers Private Limited has to send the samples (as prescribed standards) to ITE's Greater Noida Lab for destructive & chemical analysis tests.
- The prices shall be mutually agreed from time to time depending on quantum of tests, client requirements & location of tests.
- PES Engineers Private Limited will provide one month's schedule by 25th of preceding month, if any test required by PES, else no schedule required.
- 100% Payment shall be released at the time of submission of samples.
- Testing and reporting shall be done as per ITE's approved format and procedures based on requirements of the customer.





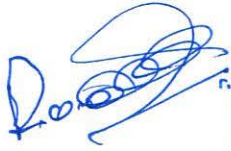
INSPECTION & TESTING ENGINEERS

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➤ Termination of the MOU shall on mutually agreed and not bounded to each other.

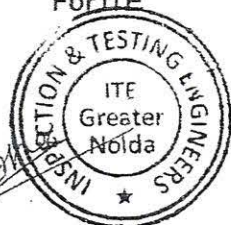
The MOU is valid for 71 (Seventy One) months from the date of signature i.e.: 16th June 2026 to 15th May 2032.

For PES Engineers Private Limited


Authorized Signatory



For ITE


Authorized Signatory



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
23-1196180	02/11/2023	UP-28995-INST	23-IRLOP- 1023733	07/11/2023	07/11/2026

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 परिषद् (एईआरबी) विकिरण फेसिलिटी 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, नियोक्ता INSPECTION AND TESTING ENGINEERS, Noida के Mr. ASHOK KUMAR PAWAR 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. ASHOK KUMAR PAWAR of INSPECTION AND TESTING ENGINEERS, Noida 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 फेसिलिटी 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 licence specified in Appendix-1,

यह लाइसेंस केवल विकिरण संरक्षा की दृष्टि से जारी किया जाता है। अन्य सभी स्वीकृतियां संबंधित केंद्रीय/राज्य/स्थानीय प्राधिकारियों से यथा लागू प्राप्त की जाएंगी। This Licence 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 परिषद्, नियामक भवन, अणुशक्तिनगर, मुंबई 400094 (महाराष्ट्र)
Atomic Energy Regulatory Board, Niyamak Bhavan, Anushaktinagar, Mumbai 400094 (Maharashtra)

जारीकर्ता प्राधिकारी Issuing Authority

हस्ताक्षर Signature

प्राधिकारी का नाम Name of the Authority

DR. P. K. DASH SHARMA

पदनाम Designation

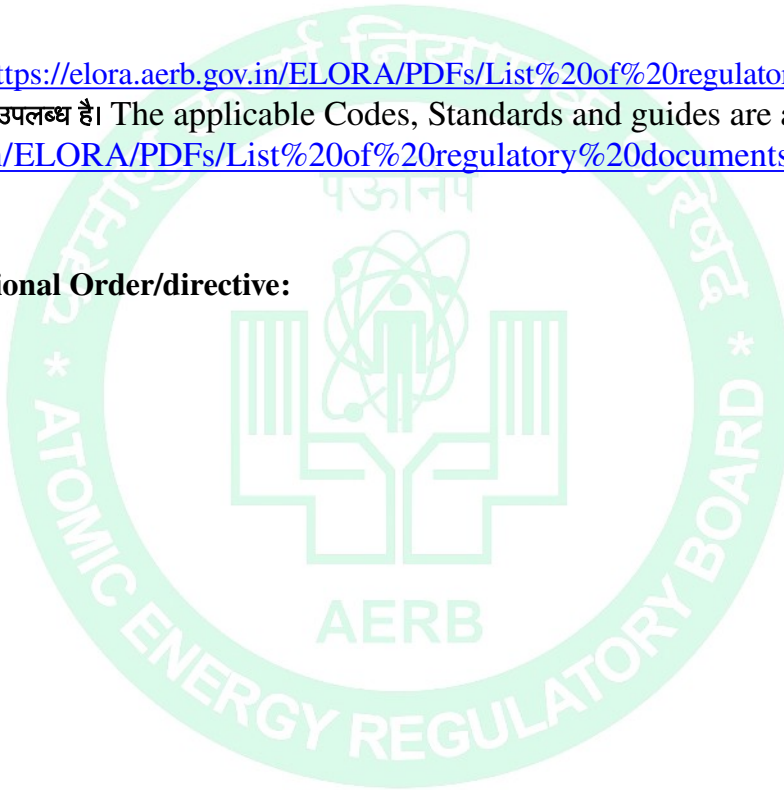
Head, RSD

आवेदक का नाम और संचार पता

MR. ASHOK KUMAR PAWAR,
INSPECTION AND TESTING ENGINEERS,
ITE HOUSE,
D 155, SECTOR 49 ,
NOIDA-201301,
UTTAR PRADESH.

* 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:



परमाणु ऊर्जा नियामक परिषद्, नियामक भवन, अणुशक्तिनगर, 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

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
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सारणी Table 1
INDUSTRIAL RADIOGRAPHY फैसिलिटी का विवरण
Details of INDUSTRIAL RADIOGRAPHY FACILITY

प्रेक्टिस 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	INSPECTION AND TESTING ENGINEERS, ITE HOUSE, D 155, SECTOR 49 , NOIDA-201301, UTTAR PRADESH. 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



परमाणु ऊर्जा नियामक परिषद्, नियामक भवन, अणुशक्तिनगर, मुंबई 400094 (महाराष्ट्र)
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अनुबंध Appendix 1

नियम और शर्तें TERMS AND CONDITIONS

1. **विकिरण स्रोतों के संचालन पर प्रतिबंध Constraints on operation of radiation sources:** लाइसेंसधारक किसी भी विकिरण स्रोत (रेडियोधर्मी स्रोत और/या विकिरण उत्पन्न करने वाला उपकरण) को नहीं संभालेगा (क) लाइसेंस में विनिर्दिष्ट के अलावा; (ख) लाइसेंस में विनिर्दिष्ट के अलावा किसी अन्य उद्देश्य के लिए; और (ग) लाइसेंस में विनिर्दिष्ट के अलावा किसी भी स्थान पर। The licensee shall not handle any radiation source (Radioactive Sources and/or Radiation Generating Equipment): (a) other than those specified in the licence; (b) for any purpose other than those specified in the licence; and (c) in any location except as specified in the licence.
2. **उत्तरदायित्व Responsibilities:** परमाणु ऊर्जा (विकिरण संरक्षण) नियम, 2004 में निर्दिष्ट नियोक्ता, लाइसेंसधारक, आरएसओ और श्रमिकों की जिम्मेदारियों का पालन किया जाएगा। विकिरण फैसिलिटी/गतिविधियों की सुरक्षा के लिए मुख्य जिम्मेदारी लाइसेंसधारक की होगी और नियामक संस्था द्वारा कोई भी नियामक गतिविधियां या निरीक्षण लाइसेंसधारक को सुरक्षा के लिए उसकी जिम्मेदारी से मुक्त नहीं करता है। The responsibilities of the employer, licensee, RSO and workers as specified in the Atomic Energy (Radiation Protection) Rules, 2004 shall be complied with. Prime responsibility for the safety of the radiation facility/activities shall lie with the licensee and any regulatory activities or inspections by the regulatory body does not relieve the licensee from his/her responsibility for safety.
3. **स्रोतों की सलामती और सुरक्षा Safety and Security of sources:** विकिरण स्रोत की सलामती और सुरक्षा हर समय अर्थात् खरीद से लेकर विकिरण स्रोत के निपटान/उपकरण के बंद होने तक सुनिश्चित की जाएगी। रेडियोधर्मी स्रोत/रेडियोधर्मी स्रोतों को रखने वाले उपकरण अस्थाई रूप से उपयोग में नहीं होने पर एक अनुमोदित और सुरक्षित भंडारण कक्ष में संग्रहीत किए जाएंगे। The safety and security of the radiation source shall be ensured at all the times i.e. from procurement up to the time of disposal of the radiation source/decommissioning of the equipment. The equipment housing the radioactive source/radioactive sources shall be stored in an approved and secured storage room when temporarily not in use.
4. **नियामक सिफारिशें Regulatory Recommendations:** रेडियोधर्मी स्रोतों के लिए विकिरण सुरक्षा उपायों और भौतिक सुरक्षा उपायों के संबंध में सक्षम प्राधिकारी द्वारा समय-समय पर जारी की जाने वाली सभी नियामक सिफारिशों को लागू किया जाएगा और इसका अक्षरशः पालन किया जाएगा। All the regulatory recommendations, as may be issued from time to time, by the Competent Authority in respect of radiation safety measures and physical security measures for radioactive sources shall be implemented and followed in its letter and spirit.
5. **अर्हताप्राप्त कार्मिक Qualified manpower:** उपकरण/स्रोतों का संचालन आईआरबी को सूचित किए गए योग्य और प्रशिक्षित विकिरण कर्मियों द्वारा किया जाएगा। Equipment/sources shall be operated by qualified and trained radiation workers as intimated to AERB.
6. **ले-आउट का संशोधन Modification of layout:** आईआरबी के पूर्वानुमोदन के बिना स्थापना/स्रोत भंडारण फैसिलिटी के अनुमोदित लेआउट में संशोधन, जिसमें विकिरण सुरक्षा निहितार्थ हो सकते हैं, नहीं किए जाएंगे। Modifications in the approved layout of the installation/source storage facility that may have radiation safety implications shall not be carried out without obtaining prior approval of AERB.



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Atomic Energy Regulatory Board, Niyamak Bhavan, Anushaktinagar, Mumbai 400094 (Maharashtra)

7. **विकिरण निगरानी Radiation Surveillance:** विकिरण कार्य में लगे व्यक्ति (व्यक्तियों) की विकिरण निगरानी (कार्मिक निगरानी सेवा) नियामक आवश्यकताओं के अनुसार प्रदान की जाएगी। Radiation Surveillance (personnel Monitoring Service) of person(s) engaged in radiation work shall be provided as per the regulatory requirements.
8. **आवधिक सुरक्षा स्थिति रिपोर्ट Periodic Safety Status Report:** संस्थान के पास मौजूद सभी विकिरण उपकरणों/स्रोतों की आवधिक स्थिति रिपोर्ट वर्ष में एक बार (कम से कम) आईआरबी को प्रस्तुत की जाएगी। The periodic status report of all radiation devices/sources in the possession of the institution shall be submitted (at least) once in a year to AERB.
9. **रखरखाव Maintenance:** उपकरणों का रखरखाव संबंधित आईआरबी संरक्षा कोड, गाइड और वर्तमान में लागू मानकों के अनुसार किया जाएगा। Maintenance of the equipment shall be carried out in accordance with the respective AERB safety code, guide and standards currently in force.
10. **बिक्री या स्थानांतरण Sale or transfer:** विकिरण स्रोत/डिवाइस/उपकरण/रेडियोधर्मी अपशिष्ट आईआरबी से पूर्वानुमोदन प्राप्त किए बिना किसी अन्य व्यक्ति को बेचा या अन्यथा हस्तांतरित नहीं किया जाएगा। The radiation source/device/equipment/radioactive waste shall not be sold or otherwise transferred to another person without obtaining prior approval from AERB.
11. **विकिरण स्रोतों का संचलन Movement of radiation source:** विकिरण उपकरण/स्रोतों को आईआरबी से पूर्वानुमोदन प्राप्त किए बिना, परिसर के भीतर (जब तक कि उपकरण परिसर के भीतर नियमित आवाजाही के लिए न हो) या बाहर एक स्थान से दूसरे स्थान पर नहीं ले जाया जाएगा। The radiation equipment/sources shall not be moved from one location to another, within the premises (unless the equipment is meant for routine movement within the premises) or outside, without obtaining prior approval from AERB.
12. **रेडियोधर्मी स्रोत का परिवहन Shipment of radioactive material:** आईआरबी से परिवहन के लिए पूर्वानुमति प्राप्त की जाएगी। यह सुनिश्चित किया जाएगा कि रेडियोधर्मी सामग्री के सुरक्षित परिवहन के लिए राष्ट्रीय/ अंतर्राष्ट्रीय विनियमों के अनुसार योग्य पैकिंग, चिह्नित और लेबलिंग किया जाता है। Prior approval for shipment shall be obtained from AERB. The package containing radioactive material is properly packed, marked and labelled and the shipment of radioactive material is in accordance with national/international regulations for safe transport of radioactive material.
13. **नियामक निरीक्षण Regulatory inspection:** विकिरण फैसिलिटी का निरीक्षण करने के लिए सक्षम प्राधिकारी के प्राधिकृत प्रतिनिधि (प्रतिनिधियों) को पूर्ण सहयोग दिया जाएगा। Full co-operation shall be accorded to authorized representative(s) of the Competent Authority to inspect radiation facility.
14. **अप्रयुक्त विकिरण स्रोतों तथा रेडियोधर्मी अपशिष्ट का प्रबंधन Management of disused radiation sources and radioactive waste:** जब कोई विकिरण स्रोत अब अधिकृत उद्देश्य के लिए उपयोग में नहीं है, या इसके उपयोगी जीवन के पूरा होने पर, उपकरण को बंद कर दिया जाएगा और रेडियोधर्मी स्रोत आईआरबी द्वारा निर्धारित प्रक्रिया के अनुसार संरक्षित प्रबंधन के लिए मूल आपूर्तिकर्ता को वापस कर दिया जाएगा। आयातित रेडियोधर्मी स्रोतों के संबंध में, उनके निर्यात के लिए आईआरबी से पूर्व अनुमति प्राप्त की जाएगी। When a radiation source is no longer in use for the authorized purpose, or upon completion of its useful life, the equipment shall be decommissioned and radioactive source shall be returned to the original supplier for safe management in accordance with the



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

procedure laid down by AERB. In respect of imported radioactive sources, prior permission for export of the same shall be obtained from AERB.

15. **असामान्य घटनाओं की रिपोर्ट Reporting of unusual occurrences:** यदि विकिरण स्रोत/उपकरण की संरक्षा और सुरक्षा से जुड़ी कोई घटना होती है, तो घटना होने के 24 घंटे के भीतर आईआरबी को इसकी सूचना दी जाएगी। स्रोत के खो जाने या चोरी होने की स्थिति में, मामले की सूचना तत्काल इलाके में उपयुक्त कानून एवं प्रवर्तन एजेंसी को दी जाएगी। If an incident involving the safety of radiation equipment/device/source and security of the radiation source occurs, the same shall be intimated to AERB within 24 hours of the occurrence of the incident. In the event of loss or theft of the source, the matter shall also be promptly reported to the appropriate law enforcement agency in the locality.
16. **रेडियोधर्मी अपशिष्ट के निपटान के लिए संचालन/प्राधिकरण के लिए लाइसेंस में संशोधन Amendment of licence for operation/Authorization for disposal of radioactive waste:** इस लाइसेंस/प्राधिकरण में निहित जानकारी में कोई भी परिवर्तन, इसके जारी होने के बाद (लाइसेंसधारक, नियोक्ता, संस्थान का नाम, पता आदि के रूप में) आईआरबी को सूचित किया जाएगा और इस संबंध में इस लाइसेंस के लिए उपयुक्त आवश्यक संशोधन सक्षम प्राधिकारी, आईआरबी से प्राप्त किया जाएगा। Any change in the information contained in this licence/authorization, after its issuance (as change of licensee, employer, name of institution, address etc.), shall be intimated to the AERB and appropriate necessary amendment to this effect to this licence shall be obtained from the Competent Authority, AERB
17. **लाइसेंस के नियमों और शर्तों में संशोधन Modification of the terms and conditions of the licence:** लाइसेंस के नियमों और शर्तों को सुरक्षा के हित में सक्षम प्राधिकारी द्वारा आवश्यक समझे जाने पर संशोधित, पुनरीक्षित या सुधार किया जा सकता है। The terms and conditions, of the licence can be amended, revised or modified, as considered necessary by the Competent Authority in the interest of safety.
18. **लाइसेंस का नवीनीकरण Renewal of licence:** लाइसेंस का नवीनीकरण इसकी समाप्ति की तारीख से पहले सक्षम प्राधिकारी से प्राप्त किया जाएगा। लाइसेंस के गैर-नवीनीकरण से लाइसेंसधारक को कब्जे के तहत विकिरण स्रोतों की सलामति एवं सुरक्षा की जिम्मेदारी से तब तक मुक्त नहीं किया जाता है जब तक कि उपकरण बंद नहीं किया जाता है/और सुरक्षित प्रबंधन के लिए मूल आपूर्तिकर्ता को रेडियोधर्मी स्रोत वापस नहीं किया जाता है। आईआरबी द्वारा आवेदनों के प्रसंस्करण के लिए अग्रणी समय को ध्यान में रखते हुए लाइसेंस के नवीनीकरण के लिए आवेदन आईआरबी को समीक्षा के लिए अग्रिम रूप से प्रस्तुत किया जाएगा। लाइसेंस की समाप्ति के दो महीने पहले लाइसेंसधारक द्वारा नवीनीकरण के लिए आवेदन प्रस्तुत किया जा सकता है। Renewal of licence shall be obtained from the Competent Authority prior to its date of expiry. Non-renewal of licence does not absolve the licensee from the responsibility of safety and security of radiation sources under possession till the equipment is decommissioned /and radioactive source is returned to the original supplier for safe management. Application for renewal of this licence shall be submitted to AERB for review well in advance, taking into account the lead time for processing of the applications by AERB. Application for renewal may be submitted by the licensee two months prior to expiry of the licence.
19. **डीकमीशनन के लिए वित्तीय प्रावधान Financial provision for decommissioning:** लाइसेंसधारक यह सुनिश्चित करेगा कि एक बार उपयोग में आने के बाद विकिरण स्रोतों के सुरक्षित प्रबंधन के लिए उचित वित्तीय प्रावधानों सहित व्यवस्था की जाती है। वित्तीय प्रावधान की सीमा का निर्धारण विकिरण स्रोत के आपूर्तिकर्ता/निर्माता के परामर्श से किया जाएगा। वित्तीय प्रावधान सामान्य परिदृश्य के साथ-साथ दिवालियेपन या अन्य बाधाओं का सामना करने वाली असंभावित घटनाओं को ध्यान में रखते हुए किया



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

जाएगा। Licensee shall ensure that arrangements, including appropriate financial provisions, are made for the safe management of radiation sources, once it ceases to be in use. The extent of financial provision shall be arrived at in consultation with the supplier/manufacturer of the radiation source. The financial provision shall be made with due consideration to normal scenario as well as unlikely events like bankruptcy or other constraints that may be encountered.

20. **अपराध और दंड Offences and Penalties:** यदि लाइसेंस/प्राधिकरण की शर्तों और अन्य निर्धारित विनियामक प्रावधानों का उल्लंघन किया जाता है तो परमाणु ऊर्जा (विकिरण संरक्षण) नियम, 2004 और परमाणु ऊर्जा (रेडियोधर्मी अपशिष्ट का सुरक्षित निपटान) नियम 1987 में निर्दिष्ट शर्तों के अनुसार आईआरबी द्वारा लाइसेंस/प्राधिकार को निलंबित, संशोधित या वापस लिया जा सकता है। जहां उपयुक्त समझा जाए, किए गए अपराध के विरुद्ध परमाणु ऊर्जा अधिनियम, 1962 में प्रावधान के अनुसार आईआरबी संस्था द्वारा दंडात्मक कार्रवाई शुरू की जा सकती है। Licence/authorisation can be suspended, modified or withdrawn by AERB, as specified in the Atomic Energy (Radiation Protection) Rules, 2004 and Atomic Energy (Safe Disposal of Radioactive Wastes) Rules 1987 if any of the terms and conditions of the licence/authorisation and other stipulated regulatory provisions is/are contravened. Where deemed appropriate, AERB may initiate penal action against an offence committed by the institution, as provided in the Atomic Energy Act, 1962.
21. **विशिष्ट प्रैक्टिसों के लिए अतिरिक्त शर्तें Additional conditions for specific practices:** औद्योगिक रेडियोग्राफी एक्सपोजर डिवाइस/वेल लॉगिंग फैसिलिटी का संचालन Operation of Industrial Radiography Exposure Device(s)/ Well logging facility: यह सुनिश्चित किया जाएगा कि प्रत्येक औद्योगिक रेडियोग्राफी एक्सपोजर डिवाइस/वेल लॉगिंग फैसिलिटी के लिए संस्थान के कब्जे में होने वाली रसीद की सूचना प्रस्तुत की जाती है और इसे केवल प्राधिकृत साइटों पर संचालित किया जाएगा। It shall be ensured that the intimation of receipt is submitted for each industrial radiography exposure device/well logging facility once it is in possession of institute and it shall be operated only at the authorized sites.

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नोट Note: प्रैक्टिस विशिष्ट आवश्यकताओं पर मार्गदर्शन के लिए कृपया ई-लोरा दिशानिर्देश और आईआरबी वेबसाइट www.aerb.gov.in देखें। *For guidance on practice specific requirements, please refer e-LORA guidelines and AERB website www.aerb.gov.in*



परमाणु ऊर्जा नियामक परिषद्, नियामक भवन, अणुशक्तिनगर, 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



National Accreditation Board for
Testing and Calibration Laboratories

CERTIFICATE OF ACCREDITATION

INSPECTION & TESTING ENGINEERS (LAB DIVISION)

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

F 22-23, SITE C, SURAJPUR INDUSTRIAL AREA, UPSIDC, GREATER NOIDA, UTTAR PRADESH, INDIA

in the field of

TESTING

Certificate Number: NABLT0626UP18307 (In lieu of TC-13886)

Issue Date: 14/06/2026

Valid Until: 13/06/2030

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: INSPECTION & TESTING ENGINEERS

Signed for and on behalf of NABL



Anuja Anand
Director

Dr. Ramanand N. Shukla
Chief Executive Officer



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

INSPECTION & TESTING ENGINEERS (LAB DIVISION), F 22-23, SITE C, SURAJPUR INDUSTRIAL AREA,
UPSIDC, GREATER NOIDA, UTTAR PRADESH, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

NABLT0626UP18307

Page No

1 of 12

Validity

14/06/2026 to 13/06/2030

Last Amended on

-

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
Permanent Testing				
1	CHEMICAL- METALS & ALLOYS	Carbon & Low Alloy Steel Materials	Vanadium	ASTM E 415
2	CHEMICAL- METALS & ALLOYS	Carbon & Low Alloy Steel Materials	Vanadium	IS 8811
3	CHEMICAL- METALS & ALLOYS	Low Alloy Steel & Carbon Steel	Carbon	ASTM E 415
4	CHEMICAL- METALS & ALLOYS	Low Alloy Steel & Carbon Steel	Carbon	IS 8811
5	CHEMICAL- METALS & ALLOYS	Low Alloy Steel & Carbon Steel	Chromium	ASTM E 415
6	CHEMICAL- METALS & ALLOYS	Low Alloy Steel & Carbon Steel	Chromium	IS 8811
7	CHEMICAL- METALS & ALLOYS	Low Alloy Steel & Carbon Steel	Copper	ASTM E 415
8	CHEMICAL- METALS & ALLOYS	Low Alloy Steel & Carbon Steel	Copper	IS 8811
9	CHEMICAL- METALS & ALLOYS	Low Alloy Steel & Carbon Steel	Manganese	ASTM E 415
10	CHEMICAL- METALS & ALLOYS	Low Alloy Steel & Carbon Steel	Manganese	IS 8811
11	CHEMICAL- METALS & ALLOYS	Low Alloy Steel & Carbon Steel	Molybdenum	ASTM E 415
12	CHEMICAL- METALS & ALLOYS	Low Alloy Steel & Carbon Steel	Molybdenum	IS 8811
13	CHEMICAL- METALS & ALLOYS	Low Alloy Steel & Carbon Steel	Nickel	ASTM E 415
14	CHEMICAL- METALS & ALLOYS	Low Alloy Steel & Carbon Steel	Nickel	IS 8811
15	CHEMICAL- METALS & ALLOYS	Low Alloy Steel & Carbon Steel	Phosphorus	ASTM E 415
16	CHEMICAL- METALS & ALLOYS	Low Alloy Steel & Carbon Steel	Phosphorus	IS 8811



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

INSPECTION & TESTING ENGINEERS (LAB DIVISION), F 22-23, SITE C, SURAJPUR INDUSTRIAL AREA,
UPSIDC, GREATER NOIDA, UTTAR PRADESH, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

NABLT0626UP18307

Page No

2 of 12

Validity

14/06/2026 to 13/06/2030

Last Amended on

-

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
17	CHEMICAL- METALS & ALLOYS	Low Alloy Steel & Carbon Steel	Silicon	ASTM E 415
18	CHEMICAL- METALS & ALLOYS	Low Alloy Steel & Carbon Steel	Silicon	IS 8811
19	CHEMICAL- METALS & ALLOYS	Low Alloy Steel & Carbon Steel	Sulphur	IS 8811
20	CHEMICAL- METALS & ALLOYS	Low Alloy Steel & Carbon Steel	Sulphur	ASTM E 415
21	CHEMICAL- METALS & ALLOYS	Stainless Steel	Carbon	ASTM E 1086
22	CHEMICAL- METALS & ALLOYS	Stainless Steel	Carbon	IS 9879
23	CHEMICAL- METALS & ALLOYS	Stainless Steel	Chromium	ASTM E 1086
24	CHEMICAL- METALS & ALLOYS	Stainless Steel	Chromium	IS 9879
25	CHEMICAL- METALS & ALLOYS	Stainless Steel	Copper	ASTM E 1086
26	CHEMICAL- METALS & ALLOYS	Stainless Steel	Copper	IS 9879
27	CHEMICAL- METALS & ALLOYS	Stainless Steel	Manganese	ASTM E 1086
28	CHEMICAL- METALS & ALLOYS	Stainless Steel	Manganese	IS 9879
29	CHEMICAL- METALS & ALLOYS	Stainless Steel	Molybdenum	ASTM E 1086
30	CHEMICAL- METALS & ALLOYS	Stainless Steel	Molybdenum	IS 9879
31	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nickel	ASTM E 1086
32	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nickel	IS 9879



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

INSPECTION & TESTING ENGINEERS (LAB DIVISION), F 22-23, SITE C, SURAJPUR INDUSTRIAL AREA,
UPSIDC, GREATER NOIDA, UTTAR PRADESH, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

NABLT0626UP18307

Page No

3 of 12

Validity

14/06/2026 to 13/06/2030

Last Amended on

-

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
33	CHEMICAL- METALS & ALLOYS	Stainless Steel	Phosphorus	ASTM E 1086
34	CHEMICAL- METALS & ALLOYS	Stainless Steel	Phosphorus	IS 9879
35	CHEMICAL- METALS & ALLOYS	Stainless Steel	Silicon	ASTM E 1086
36	CHEMICAL- METALS & ALLOYS	Stainless Steel	Silicon	IS 9879
37	CHEMICAL- METALS & ALLOYS	Stainless Steel	Sulphur	ASTM E 1086
38	CHEMICAL- METALS & ALLOYS	Stainless Steel	Sulphur	IS 9879
39	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Materials	% Elongation	ISO 6892-1
40	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Materials	% Reduction in Area	ASTM A 370
41	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Materials	% Reduction in Area	IS 1608 (Part 1)
42	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Materials	% Reduction in Area	ISO 6892-1



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

INSPECTION & TESTING ENGINEERS (LAB DIVISION), F 22-23, SITE C, SURAJPUR INDUSTRIAL AREA,
UPSIDC, GREATER NOIDA, UTTAR PRADESH, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

NABLT0626UP18307

Page No

4 of 12

Validity

14/06/2026 to 13/06/2030

Last Amended on

-

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
43	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Materials	Bend Test (Mandrel Sizes: 8mm, 10mm, 12mm, 16mm, 20mm, 24mm, 28mm, 32mm, 34mm, 35mm, 36mm, 38mm, 40mm, 44mm, 45mm, 48mm, 50mm, 60mm, 80mm, 90mm, 100mm, 140mm)	IS 1599
44	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Materials	Bend Test (Mandrel Sizes: 8mm, 10mm, 12mm, 16mm, 20mm, 24mm, 28mm, 32mm, 34mm, 35mm, 36mm, 38mm, 40mm, 44mm, 45mm, 48mm, 50mm, 60mm, 80mm, 90mm, 100mm, 140mm)	ISO 7438
45	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Materials	Charpy V Notch Impact Test (Ambient to - 50 degree C)	ISO 148-1
46	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Materials	Charpy V Notch Impact Test (Ambient to - 80 degree C)	ISO 9016
47	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Materials	Fracture Test	ISO 9017
48	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Materials	Rockwell Hardness Test - Scale B	ISO 6508-1
49	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Materials	Rockwell Hardness Test - Scale C	ISO 6508-1



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

INSPECTION & TESTING ENGINEERS (LAB DIVISION), F 22-23, SITE C, SURAJPUR INDUSTRIAL AREA,
UPSIDC, GREATER NOIDA, UTTAR PRADESH, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

NABLT0626UP18307

Page No

5 of 12

Validity

14/06/2026 to 13/06/2030

Last Amended on

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
50	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Materials	Tensile Strength	ISO 6892-1
51	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Materials	Ultimate tensile load	IS 1608 (Part 1)
52	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Materials	Vickers Hardness Test (at 10 kgf)	IS 1501 (Part 1)
53	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Materials	Vickers Hardness Test (at 10 kgf)	ISO 6507-1
54	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Materials	Vickers Hardness Test (at 5 kgf)	IS 1501 (Part 1)
55	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Materials	Vickers Hardness Test (at 5 kgf)	ISO 6507-1
56	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Materials	Yield Strength	ISO 6892-1
57	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials	Bend Test (Mandrel Sizes: 8mm, 10mm, 12mm, 16mm, 20mm, 24mm, 28mm, 32mm, 34mm, 35mm, 36mm, 38mm, 40mm, 44mm, 45mm, 48mm, 50mm, 60mm, 80mm, 90mm, 100mm, 140mm)	IS 3600 (Part 5)



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ISO/IEC 17025:2017

Certificate Number

NABLT0626UP18307

Page No

6 of 12

Validity

14/06/2026 to 13/06/2030

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
58	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials	Bend Test (Mandrel Sizes: 8mm, 10mm, 12mm, 16mm, 20mm, 24mm, 28mm, 32mm, 34mm, 35mm, 36mm, 38mm, 40mm, 44mm, 45mm, 48mm, 50mm, 60mm, 80mm, 90mm, 100mm, 140mm)	ISO 5173
59	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials	Nick Break	IS 3600 (Part 8)
60	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials	Ultimate tensile load	ASTM A 370
61	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys and products	Bend Test (Mandrel Sizes: 8mm, 10mm, 12mm, 16mm, 20mm, 24mm, 28mm, 32mm, 34mm, 35mm, 36mm, 38mm, 40mm, 44mm, 45mm, 48mm, 50mm, 60mm, 80mm, 90mm, 100mm, 140mm)	ASTM A 370
62	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys and products	Bend Test (Mandrel Sizes: 8mm, 10mm, 12mm, 16mm, 20mm, 24mm, 28mm, 32mm, 34mm, 35mm, 36mm, 38mm, 40mm, 44mm, 45mm, 48mm, 50mm, 60mm, 80mm, 90mm, 100mm, 140mm)	IS 1599
63	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys and products	Charpy Impact - V notch (Ambient to -50 degree C)	IS 1757 (Part 1)



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ISO/IEC 17025:2017

Certificate Number

NABLT0626UP18307

Page No

7 of 12

Validity

14/06/2026 to 13/06/2030

Last Amended on

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64	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys and products	Elongation	ASTM A 370
65	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys and products	Elongation	IS 1608 (Part 1)
66	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys and products	Flattening Test	ASTM A 530
67	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys and products	Flattening Test	IS 2328
68	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys and products	IZOD Impact	IS 1598
69	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys and products	Re-bend Test (Mandrel diameters: 32 mm, 40 mm, 50 mm, 60 mm, 74 mm, 96 mm, 120 mm, 140 mm and 150 mm)	IS 1786
70	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys and products	Rockwell Hardness- Scale B	IS 1586 (Part 1)
71	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys and products	Rockwell Hardness- Scale C	IS 1586 (Part 1)
72	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys and products	Tensile Strength	ASTM A 370



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Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

NABLT0626UP18307

Page No

8 of 12

Validity

14/06/2026 to 13/06/2030

Last Amended on

-

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73	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys and products	Tensile Strength	IS 1608 (Part 1)
74	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys and products	Vickers Hardness	ASTM A 370
75	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys and products	Vickers Hardness	IS 1501 (Part 1)
76	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys and products	Yield Strength	ASTM A 370
77	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys and products	Yield Strength	IS 1608 (Part 1)
78	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Metals, Aluminium, Copper and Nickel alloys	Elongation	IS 1608 (Part - 1)
79	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Metals, Aluminium, Copper and Nickel alloys	Tensile Strength	IS 1608 (Part - 1)
80	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Metals, Aluminium, Copper and Nickel alloys	Vickers Hardness	IS 1501 (Part 1)
81	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Metals, Aluminium, Copper and Nickel alloys	Yield Strength	IS 1608 (Part - 1)



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Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

NABLT0626UP18307

Page No

9 of 12

Validity

14/06/2026 to 13/06/2030

Last Amended on

-

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82	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Metals, Aluminium, Copper and Nickel alloys	Yield Strength	IS 1608 (Part 1)
83	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Nut	Proof Load	IS 1367 (Part 6)
84	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Nut	Proof Load	ISO 898-2
85	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Reinforcement Bar, TMT	Mass per meter	IS 1786
86	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded metals	Charpy V Notch Impact Test (Ambient to - 50 degree C)	AWS B4.0
87	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded metals	Nick Break	AWS B4.0
88	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded metals	Tensile Strength	AWS B4.0
89	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Pipes	Bend Test (Mandrel Sizes: 8mm, 10mm, 12mm, 16mm, 20mm, 24mm, 28mm, 32mm, 34mm, 35mm, 36mm, 38mm, 40mm, 44mm, 45mm, 48mm, 50mm, 60mm, 80mm, 90mm, 100mm, 140mm)	API 1104 (Cl. 5, 6, 12)



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UPSIDC, GREATER NOIDA, UTTAR PRADESH, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

NABLT0626UP18307

Page No

10 of 12

Validity

14/06/2026 to 13/06/2030

Last Amended on

-

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90	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Pipes	Nick Break Test	API 1104 (CL. 5, 6, 12)
91	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Pipes	Transverse Tensile Test	API 1104 (CL. 5, 6, 12)
92	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds and welded test specimens of ferrous materials	Bend Test (Mandrel Sizes: 8mm, 10mm, 12mm, 16mm, 20mm, 24mm, 28mm, 32mm, 34mm, 35mm, 36mm, 38mm, 40mm, 44mm, 45mm, 48mm, 50mm, 60mm, 80mm, 90mm, 100mm, 140mm)	ASME Section IX
93	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds and welded test specimens of ferrous materials	Bend Test (Mandrel Sizes: 8mm, 10mm, 12mm, 16mm, 20mm, 24mm, 28mm, 32mm, 34mm, 35mm, 36mm, 38mm, 40mm, 44mm, 45mm, 48mm, 50mm, 60mm, 80mm, 90mm, 100mm, 140mm)	AWS D1.1
94	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds and welded test specimens of ferrous materials	Charpy Impact- U notch, V notch (Ambient to -80 degree C)	ASME Section IX
95	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds and welded test specimens of ferrous materials	Charpy Impact- U notch, V notch (Ambient to -80 degree C)	AWS D1.1
96	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds and welded test specimens of ferrous materials	Elongation	ASME Section IX



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SCOPE OF ACCREDITATION

Laboratory Name :

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Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

NABLT0626UP18307

Page No

11 of 12

Validity

14/06/2026 to 13/06/2030

Last Amended on

-

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97	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds and welded test specimens of ferrous materials	Elongation	AWS D1.1
98	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds and welded test specimens of ferrous materials	Fracture Test	ASME Section IX
99	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds and welded test specimens of ferrous materials	Fracture Test	AWS D1.1
100	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds and welded test specimens of ferrous materials	Macro Examination	ASME Section IX
101	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds and welded test specimens of ferrous materials	Macro Examination	AWS D1.1
102	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds and welded test specimens of ferrous materials	Tensile Strength	ASME Section IX
103	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds and welded test specimens of ferrous materials	Tensile Strength	AWS D1.1
104	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds and welded test specimens of ferrous materials	Yield Strength	ASME Section IX
105	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds and welded test specimens of ferrous materials	Yield Strength	AWS D1.1



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Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

NABLT0626UP18307

Page No

12 of 12

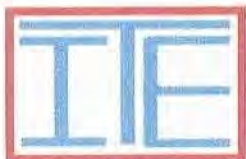
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106	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds and welded test specimens of non-ferrous materials, Aluminium and Nickel alloys	Elongation	ASME Section IX
107	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds and welded test specimens of non-ferrous materials, Aluminium and Nickel alloys	Tensile Strength	ASME Section IX
108	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds and welded test specimens of non-ferrous materials, Aluminium and Nickel alloys	Yield Strength	ASME Section IX
109	MECHANICAL-METALLOGRAPHY TEST	Ferrous & Non Ferrous Materials	Macro Test	BS EN ISO 17639
110	MECHANICAL-METALLOGRAPHY TEST	Ferrous Materials	Macro Examination	IS 3600 Part 9
111	MECHANICAL-METALLOGRAPHY TEST	Welded Pipes	Macro test	API 1104 (Annex. B)



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EMAIL: - ITE.NOIDA@HOTMAIL.COM; WEBSITE: -WWW.INSPECTIONANDTESTINGENGINEERS.COM

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CERTIFICATE OF PROFICIENCY



This is to certify that
Mr. Santosh Kumar Arya

*Has fulfilled the Certification Requirements and has demonstrated proficiency by successfully passing the
theoretical and practical examinations as per*

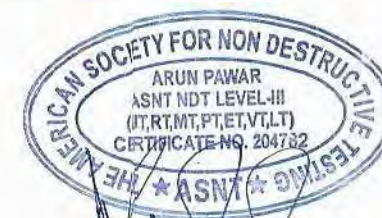
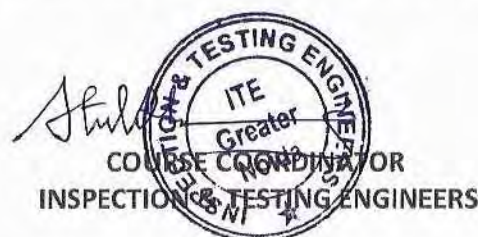
AMERICAN SOCIETY FOR NON-DESTRUCTIVE TESTING

Recommended Practice SNT-TC-1A, 2016

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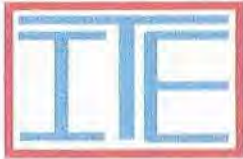
NDT LEVEL-II in RADIOGRAPHY TESTING

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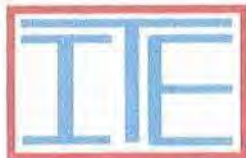
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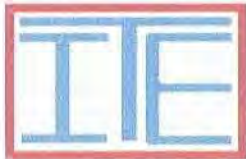
NDT LEVEL-II in MAGNETIC PARTICLE TESTING

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DESCRIPTION	DETAILS
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NDT LEVEL-II in LIQUID PENETRANT TESTING

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