



Bangladesh Atomic Energy Regulatory Authority

E-12/A, Agargaon, Post Box No.240, Dhaka-1207.

RENEWED LICENCE FOR INDUSTRIAL RADIOGRAPHY PRACTICES

[Pursuant to SRO No. 205-Law/97, Nuclear Safety and Radiation Control Rules]

1. Pursuant to Sections 18(2)(a)(b) & 21(1) of the **Bangladesh Atomic Energy Regulatory Act No.19 of 2012** and subject to the conditions and limits incorporated herein, the **Bangladesh Atomic Energy Regulatory Authority (BAERA)** is pleased to renew -

Industrial Inspection & Testing Service (IITS)
Uttam Borabari, Boshunia Para
P.O.: Hazirhat, Rangpur Sadar
Rangpur

LICENCE NO. : 3947/2016(R-07/2023-2024)/39

TYPE OF LICENCE : Class 'C'

DOCKET NO. : BAER-5(462)/2015 Vol.09

Date of 1st Issue : 08-06-2016

Expiry Date : 30-06-2024

to OWN, STORE, HANDLE AND USE the following radiation source with radiation generating equipment-

=====Listed Over Leaf=====

For the purpose of industrial radiography works.

2. For the purpose of this licence

The Legal Nominee/Authorized Person

Mr. Md. Sirajul Islam

Radiation Control Officer

Mr. Md. Sirajul Islam

Certificate Number: BAER-RCO-IP-0196

3. The issuance of this licence is based upon the licence application of ' **Industrial Inspection & Testing Service (IITS)**' vide rule 10.7 of NSRC Rules 1997, dated **20-06-2023** and the information and the documents submitted to this office for the licence, filled under the Docket No. mentioned above.
4. This renewed licence is subject to the conditions:
- (i) *all regulatory requirements and conditions as stated in the original licence shall remain; and*
- (ii) *all radiation measuring equipment shall have to be calibrated annually and the undersigned shall have to be reported to this effect.*
5. The licence will remain valid till the expiry date stated above after which it is to be renewed again.

Issued by

Dr. Meherun Nahar
Director
Radiation, Transport and Waste Safety Division
Bangladesh Atomic Energy Regulatory Authority

A) Exposure Projector and Radioactive Sources

Sl No.	Name of Equipment	Model No.	Equipment SI No.	Source Containing Into the Projector	Source SI No.	Maximum Activity with date
01	Gamma Ray Projector	Delta 880	D4992	Ir-192	HCY947	81.3Ci, 25-4-2023
02	Gamma Ray Projector	Delta 880	D3630	Ir-192	HCY949	99.07Ci, 4-4-2023
03	Gamma Ray Projector	Delta 880	D4957	Ir-192	HCY948	74.1Ci, 5-5-2023
04	Gamma Ray Projector	TI-F	2273	Ir-192	AS361	12.01Ci, 6-4-2023
05	Gamma Ray Projector	TI-F	325	Ir-192	AV062	11.73Ci, 12-4-2023
06	Gamma Ray Projector	TI-F	17-351	Ir-192	AV063	28.87Ci, 8-1-2023
07	Gamma Ray Projector	TI-F	1645	Ir-192	AV065	11.73Ci, 12-4-2023
08	Gamma Ray Projector	Delta 880	D2884	Ir-192	HCY946	99.07Ci, 4-4-2023
09	Gamma Ray Projector	Dual 120	0326	Ir-192	AS319	13.95Ci, 5-5-2023
10	Gamma Ray Projector	Dual 120	1480	Ir-192	AU227	11.30Ci, 3-1-2023
11	Gamma Ray Projector	Dual 120	0326	Ir-192	AS319	13.95Ci, 5-5-2023
12	Gamma Ray Projector	TI-F	1648	Ir-192	/	/
13	Gamma Ray Projector	TI-F	1408	Ir-192	/	/
14	Gamma Ray Projector	TI-F	1164	Ir-192	AM649	0.39Ci, 3-12-2020

B) X-ray Machine and Crawler

Sl No	Name of Equipment	Model No.	Sl No	Maximum KVp	Maximum mA
01	Crawler	IRIS-10	17000249	250	5
02	Crawler	HXPC-100B	19038	250	5
03	Crawler	HXPC-100B	22066	300	5
04	Crawler	ZY-10C	1638	300	5
05	X-ray Machine	XXG-2005	41428	200	5
06	X-ray Machine	XXG-3005	42090	300	5
07	X-ray Machine	XXG-3005	42062	300	5
08	X-ray Machine	XXG-3005	42107	300	5
09	X-ray Machine	XXG-3005	42110	300	5

C) X-ray Crawler Controllers

Sl No	Radioactive Material Name and Model	Serial No	Activity with Date
01	Cs-137	2694/15	N/A