

By SPEED POST

Dated : 29.11.2021

To  
The Inspector General of Forest  
Regional Office Kolkata  
1B - 198, Salt Lake City, Sector - III  
Kolkata - 700 106

**Kind Attention: Dr. Tandra Sarkar (Scientist - C)**

Dear Sir,

Enclose please find herewith the 2nd Half-yearly Compliance Reports (Soft Copy) (April 2021 to September 2021) as directives given by you. We also enclosed quarterly dose report of Ultra-Tech Laboratories Pvt. Ltd. (Oct - Dec. 2020)

Thanking You

Yours Faithfully



(Authorised Signatory)

**Enclosed: as above**

Dated : 29.11.2021

To  
The Inspector General of Forest  
Regional Office Kolkata  
1B – 198, Salt Lake City, Sector – III  
Kolkata – 700 106

**Kind Attention: Dr. Tandra Sarkar (Scientist – C)**

Sir,

We are submitting herewith the 2nd Half-Yearly Compliance Report.

Name of the Project: KPC MEDICAL COLLEGE & HOSPITAL, JADAVPUR.

Project Code : 102-153/EPE

Clearance Letter No. 21-308/2006-1A.III Dated- 26.10.2006

Period of Compliance Report: 2nd Half Yearly (April 2021 – September 2021)

**Specific Conditions:**

Sl.No.	Conditions	Compliance Status
1	STP	We have analysed sewerage water recently on 13.07.2021 & the analysis report dt: 24.07.2021 is enclosed. You may please find that all the parameters are within limits.
2	Solid waste garbage	The solid waste garbage are collected by Kolkata Municipal Corporation for safe disposal.
3	DG Set	The stack gas analysis are found to be within permissible limit.
4	Ambier Air quality noise, etc.	The noise level and Ambient air quality are also monitored yearly & found to be within limit.
5	Solar Energy	We are searching for a reputed & reliable organisation for 'Roof Top' Solar Energy installation at our Hospital buildings as our past experience in this regard are not encouraging. We were in touch with Vikram Solar for quite some time but finally they have decided not to undertake Roof – Top installation.
6	Traffic Congestion	We do not have any Traffic congestion problem with the existing infrastructure.
7	Energy Conservation	We have taken various steps for improving the power factor.
8	Bio-Medical waste	Biomedical wastes are being collected by the authorised organisation M/S Medicare Environment Management Pvt Ltd. (Semb Ramky) for safe disposal and extend the validity of service agreement till 30.09.2023.
9	Radiation Monitoring	Radiation monitoring are being done regularly and the Report from Oct to Dec. 2020 are enclosed for kind information.
10	Domestic & Drinking Water	The Drinking water analysis report dt.02.11.21 is enclosed. The Analysis report of Domestic water dt. 03.12.20 sent to you vide letter dated 16 <sup>th</sup> dec.2020.

**General Conditions:**

Sl.No.	Conditions	Compliance Status
1	Environmental safeguards	We are regularly taking care of the same and fire protection drills are being done on regular basis.
2	Monitoring Report	They are also Furnished from time to time.
3	Scope of Project	There are no remarkable changes till date.
4	Statutory clearance	Clearance from West Bengal Fire Services and Explosive Dept. have also been taken and validity upto 14.04.2022 and 30.09.2023 for Fire Services and Explosive Deptt. The NOC from Pollution Board is valid upto 30.04.2024.

We hope, we are trying our best to maintain within the guidelines directed by you.

Thanking you,

Yours faithfully,



(Authorised Signatory)  
KPC Medical College & Hospital





# BHARAT FOUNDATION

(Recognised by WEST BENGAL POLLUTION CONTROL BOARD)

25/11A, K. P. Roy Lane, Kolkata - 700 031

E-mail : bharatfoundation@gmail.com

## Test Report

Phone : 2415 2145  
2405 5015



Certificate No. TC-5850

Format No.: BF/FM/40

Report No. EW/21/086

Date of Reporting: 24.07.2021

Name of the Company & Address:	M/s. K.P.C. Medical College & Hospital, Jadavpur 1F, Raja S.C. Mullick Road, Jadavpur, Kolkata- 700 032
Description of the Sample: Effluent Water	Reference of Sampling Plan: Grab
Sampling Procedure: APHA 22 <sup>ND</sup> Edition, 1060 B (a)	
Location / Sample Marked As: Sewage Water Outlet. ✓	
Sample Collected & Submitted by: Our Representative (Mr. Arin Sen Gupta)	
Date of Sampling: 13.07.2021	Date of Receipt of Sample at Laboratory: 13.07.2021
Date of Start of Analysis : 13.07.2021	Date of Completion of Analysis: 22.07.2021

### Test / Analysis Result

Sl. No.	Parameters	Test Method	Results
01.	pH	APHA 23 <sup>rd</sup> Edition, 4500 H <sup>+</sup> B	7.83
02.	Chemical Oxygen Demand (mg/l)	APHA 23 <sup>rd</sup> Edition, 5220-B	9.3
03.	Biological Oxygen Demand 3 days at 27°C (mg/l)	IS:3025 (Pt.44) 2003, R.A.2014	5.1
04.	Total Suspended Solids (mg/l)	APHA 23 <sup>rd</sup> Edition, 2540-D	<10.0
05.	Oil & Grease (mg/l)	APHA 23 <sup>rd</sup> Edition, 5520-B	<2.0
06.	(**)Total Coliform, MPN/100ml	IS: 1622-1981	70

(\*\*): Not under NABL Scope.

-----: END OF THE REPORT:-----

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Authorized Signatory

For Bharat Foundation

*A. Neogi*

A. Neogi

C. E. O. & Technical Manager

❖ Unless otherwise stated, the results shown in this test report refer only to the sample(s) tested and such water sample(s) are retained for 15 days from completion of test. The samples from regulatory bodies are to be retained as specified. This document cannot be reproduced except in full, without prior written approval of Bharat Foundation.





# BHARAT FOUNDATION

( Recognised by WEST BENGAL POLLUTION CONTROL BOARD )

25/11A, K. P. Roy Lane, Kolkata - 700 031

E-mail : bharatfoundation@gmail.com

Phone : 2415 2145

2405 5015



Certificate No. TC-5850

Format No.: BF/FM/40A

## Test Report

Report No.: W/21/218

Date of Reporting: 02.11.2021

Name of the Company & Address:	K.P.C. Medical College & Hospital, Jadavpur 1F, Raja S.C. Mullick Road, Jadavpur, Kolkata- 700 032		
Description of the Sample :	Drinking Water. ✓		
Reference of sampling plan: Grab	Sampling Procedure: APHA 23 <sup>rd</sup> Edition, 1060 B (a)		
Location/Source of Sampling/Sample Mark:	Block -4, Beside DW Tank.		
Sample Collected/Submitted By:	Our Representative (Mr. B. Bagchi)		
Date of Sampling: 27.10.2021	Date of Receipt of Sample At Laboratory: 27.10.2021		
Date of Start of Analysis: 27.10.2021	Date of Completion of Analysis: 30.10.2021		

### TEST / ANALYSIS RESULT

SL No.	Characteristics	Specification, Standard Methods	*Required (Desirable Limits)	* Permissible Limits in the Absence of Alternate Source	Results
01.	pH Value (at 25°C)	APHA 23 <sup>rd</sup> Edition, 4500-H <sup>+</sup> B	6.5 to 8.5	No Relaxation	6.55
02.	Conductivity (at 25°C) (µmhos/cm)	APHA 23 <sup>rd</sup> Edition, 2510-B	-	-	501
03.	Colour, Hazen Units, Max.	APHA 23 <sup>rd</sup> Edition, 2120 B.	5	15	<5
04.	Turbidity, NTU, Max.	APHA 22 <sup>nd</sup> Edition, 2130 B.	1	5	<1
05.	Total Iron (as Fe), mg/l, Max.	APHA 23 <sup>rd</sup> Edition, 3500 Fe B	0.3	No Relaxation	<0.05
06.	Total suspended solids (mg/l)	APHA 23 <sup>rd</sup> Edition, 2540 D	-	-	<10.0

- IS 10500 (2012, R.A.2018): Norms for drinking water.

End of the Report  
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Authorised Signatory

For Bharat Foundation

*A. Neogi*

A. Neogi

C. E. O. & Technical Manager

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# Ultra-Tech Laboratories Pvt. Ltd.

Accredited by

BARC -Bhabha Atomic Research Centre, Govt. of India  
Cloth Market, Kumhari (Bhilai-Raipur N H-6), Dist. Durg (C.G.) 490 042  
TLD MONITORING SERVICE - DOSE REPORT

## Quarterly Dose Report

Institution Number 017366

Institution Name DEPT. OF RADIOLOGY  
K.P.C. MEDICAL COLLEGE HOSPITAL  
JADAVPUR 1E RAJA S.C. MALLICK ROAD  
KOLKATA (WEST BENGAL)

Service Frequency Quarterly

Service Period Oct-Dec-2020

Date 09-Jun-2021

Sl. No.	Name	Worn Position C/W	Whole Body Dose (C) / Wrist Dose (W) (mSv)					Skin Dose (C) (mSv)	
			Jan Mar	Apr Jun	Jul Sep	Oct Dec	Total	Service Period	Total

### FORMAL DISPATCH

04	MR. JOSE V.D	C	0.10	0.00	NU	PD	0.10		
21	SHRI ASHIM KUMAR MOHANTA	C	0.00	0.00	0.00	0.00	0.00		
28	SHRI RADHE SHYAM	C	0.15	0.00	0.00	0.00	0.15		
38	SHRI PARTHA BHATTACHARJEE	C	0.00	0.00	0.00	0.00	0.00		
40	SHRI SANJIB SAMADDER	C	0.00	0.00	0.00	0.00	0.00		
42	SHRI RANEN BHOWMICK	C	0.00	0.00	0.00	0.00	0.00		
45	DR ANANYA BASU	C	0.15	0.00	0.00	0.00	0.15		
50	DR. SWAPAN KUMAR PAUL	C	0.00	0.00	0.00	0.00	0.00		
58	DR JINIA BHATTACHARYA	C	0.15	0.00	NU	0.00	0.15		
59	SHRI SUDIP SAHA	C	0.20	0.00	0.00	0.00	0.20		
60	SHRI SUKAMAL SARKAR	C	0.35	0.00	0.00	0.00	0.35		
65	SHRI AMIT MAHATO	C	0.10	0.00	0.00	0.00	0.10		
73	SHRI KAMLESH MAJUMDAR	C	0.00	0.00	0.00	0.00	0.00		
74	MRS ANJALI HALDER	C	0.00	0.00	0.00	0.00	0.00		
76	SHRI BHATTACHARJEE ARPAN	C	0.00	0.00	0.00	0.00	0.00		
80	DR GHORAI PRABHAT KUMAR	C	0.15	0.00	0.00	0.00	0.15		
84	SHRI IMAN KALYAN MANNA	C	0.00	0.00	0.00	0.00	0.00		
89	SMT SADHANA DUTTA	C	0.25	0.00	NU	PD	0.25		
90	SHRI SUROJIT ROY	C	0.00	0.00	0.00	0.00	0.00		
91	DR MANOJIT LODHA	C	0.00	0.00	0.00	0.00	0.00		
97	MS TITAS BHATTACHARJEE	C	0.00	0.00	0.00	0.00	0.00		
98	SHRI JUGANTAR HALDAR	C	0.25	0.00	0.00	0.00	0.25		
99	SHRI ARUN DAS	C	0.20	0.00	0.00	0.00	0.20		
02	MS DOLAN PATRA	C	0.15	0.00	0.00	0.00	0.15		
03	SHRI SAPTARSHI MUKHOPADHAY	C	0.15	0.00	NU	0.00	0.15		
04	SHRI DIPAK ADHIKARY	C	0.00	0.00	0.00	0.00	0.00		
06	SMT KPC SHARMILA BISWAS	C	0.30	0.00	NU	NU	0.30		
08	DR KANKU TILWA	C	0.00	0.00	0.00	0.00	0.00		



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TLD MONITORING SERVICE - DOSE REPORT

## Quarterly Dose Report

Institution Number 017366

Institution Name DEPT. OF RADIOLOGY  
K.P.C. MEDICAL COLLEGE HOSPITAL  
JADAVPUR 1E RAJA S.C. MALLICK ROAD  
KOLKATA (WEST BENGAL)

Service Frequency Quarterly

Service Period Oct-Dec-2020  
Date 09-Jun-2021

Sers No	Name	Worn Position C/W	Whole Body Dose (C) / Wrist Dose (W) (mSv)					Skin Dose(C) (mSv)	
			Jan Mar	Apr Jun	Jul Sep	Oct Dec	Total	Service Period	Total
12	DR RAVINDRA KUMAR YADAV	C	0.00	0.00	0.00	0.00	0.00		
13	DR AMAR NARAYAN SHAW	C	0.00	0.00	0.00	0.00	0.00		
14	DR SOUMAVO DAS	C	0.00	0.00	NU	PD	0.00		
15	SHRI RAJESH MAPUI	C	0.00	NR	NU	NU	0.00		
16	SHRI SANKHANIL PAUL	C	0.40	NR	NU	NU	0.40		
17	MS SALMA KHAN	C	0.00	0.00	NU	NU	0.00		
18	SHRI ASHOK KUMAR BHADRA	C	0.15	0.00	0.00	0.00	0.15		
19	SHRI SATYENDU BIKASH SAMANTA	C	0.10	0.00	0.00	0.00	0.10		
20	DR PRAN KRISHNA MAJUMDAR	C	0.00	0.00	0.00	0.00	0.00		
21	SHRI DIBYOJIT MONDAL	C	0.00	0.00	NU	PD	0.00		
22	SHRI MAINAK MAJUMDER	C	0.35	0.00	NU	0.00	0.35		
23	SHRI ARKAPRAVA BISWAS	C	0.00	0.00	0.00	0.00	0.00		
24	MD AMANUR RASHID	C	0.00	0.00	0.00	0.00	0.00		
25	MS ANUSREE BHATTACHARYA	C	NU	PD	PD	PD			
26	SHRI LIBIN MALAYIL CHACKO	C	0.00	0.00	0.00	0.15	0.15		
27	MS MONIKA RAJAK	C	0.00	0.00	0.00	0.00	0.00		
28	SHRI ABHISHEK BANERJEE	C	0.00	0.00	0.15	0.00	0.15		
29	MS INDRANI MAHATA	C	-	0.00	0.00	0.00	0.00		
30	SHRI SUMAN BHATTACHARJYA	C	-	0.00	0.00	0.00	0.00		
31	SHRI NITYANANDA MANDAL	C	-	0.00	0.00	0.00	0.00		
32	MS EYANARA KHATUN	C	-	0.00	0.00	0.00	0.00		
33	MS SHRUTI GANGULI	C	-	0.00	0.00	0.00	0.00		
34	MS DOLFINA HATI	C	-	0.00	0.00	0.00	0.00		



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TLD MONITORING SERVICE - DOSE REPORT

## Quarterly Dose Report

Station Number 017366

Station Name DEPT. OF RADIOLOGY  
K.P.C. MEDICAL COLLEGE HOSPITAL  
JADAVPUR 1E RAJA S.C. MALLICK ROAD  
KOLKATA (WEST BENGAL)

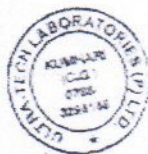
Service Frequency Quarterly  
Service Period Oct-Dec-2020  
Date 09-Jun-2021

S.No	Name	Worn Position C/W	Whole Body Dose (C) / Wrist Dose (W) (mSv)					Skin Dose (C) (mSv)	
			Jan Mar	Apr Jun	Jul Sep	Oct Dec	Total	Service Period	Total

Note:

When more than one Card is used, dose is added	2	Doses reported only for radiation worker registered with NODRS
Whole body dose, in general, reflects the photon component recorded by the Chest Badge	4	Wrist dose and skin dose include both photon and beta components recorded by the Wrist Badge and Chest Badge respectively
Dose below Recording level is reported as zero	6	Recording levels: Photon (> ~ 40 keV) = 0.1 mSv, photon (< 40 keV) = 0.05 mSv, beta = 1 mSv
Investigation levels in a single monitoring period: whole body dose = 10 mSv, skin dose = 250 mSv, Wrist dose = 250 mSv	8	*indicates dose under investigation by AERB. Such doses are not added in the total dose.
Annual effective dose in any calendar year shall not exceed 30 msv	10	Cumulative effective dose limit for the sliding 5 year block (current year + previous four year) is less than 100 mSv.)
*** - 'OER - OVER EXPOSURE	12	'PD' Person /Dosimeter Deleted
'DD' Dosimeter Damaged	14	'UP' Under Process
'NU' Unused Cards	16	'L' Lost Cards
'NR' Not Returned	18	'SS' Service Suspended
'-' TLD Not Issued		

Dose Report Prepared By  
Sukanto Sarkar  
RSO/Asst. SSO



Dose Report Checked By  
Mr. V.S. Iyer  
SSO/Chief RSO