



12th March, 2019

To The Chief Engineer Waste Management Cell West Bengal Pollution Control Board Paribesh Bhawan, Bldg. No. 10A, Block-LA, Sector-III, Bidhannagar Kolkata - 700 106

Waste Management Cell RECEIVED But Cent an Not Verified 2 6 MX 2019

W. B. Pollution Control Board Bidhan Nagar, Kofkata-700 098

Subject

: Annual Report for the period January'18 to December'18

Dear Sir

Enclosed please find the Annual Report and the related documents for the period January'18 to December'18 of Medica Superspecialty Hospital, 127 Mukundapur, E.M Bypass, Kolkata – 700 099.

Thanking you

Yours Sincerely

Komal Dutta Dashora Group Head - Compliances

Mobile: 9831256896

Encl..as stated above

Form - IV (See rule 13) ANNUAL REPORT

[To be submitted to the prescribed authority on or before 30th June every year for the period from January to December of the preceding year, by the occupier of health care facility (HCF) or common bio-medical waste treatment facility (CBWTF)]

SI.	Particulars	T	
1.	Particulars of the Occupier	1:	
	(i) Name of the authorised person (occupier of operator of facility)	i	Komal Dutta Dashora
1 1	(ii) Name of HCF or CBMWTF	1	
	(iii) Address for Correspondence	1	Medica Subsant : 12 4
	(iv) Address of Facility	100	Medica Superspecially Hos
	(v)Tel. No, Fax. No	138	Em On Page Kol-99
- 1	(vi) E-mail ID		033-66520000
- 1	(vii) URL of Website	·	www. madicahospital.in
1	(viii) GPS coordinates of HCF or CBMWTF		contactus @ medicahospitale
	(ix) Ownership of HCF or CBMWTF		(State Government or Private or Semi Govt. or any other)
	(x). Status of Authorisation under the Bio-Medical Waste (Management and Handling) Rules		Authorisation No.: .6-2:.1089.110.211 .1:10:.2018valid up to .20:.920
	(xi). Status of Consents under Water Act and Air Act		Valid up to:
- 1	Type of Health Care Facility		
T	(i) Bedded Hospital		No. of Beds:\$09
	(ii) Non-bedded hospital		
	(Clinic or Blood Bank or Clinical Laboratory or Research Institute or Veterinary Hospital or any other)		NA
1	iii) License number and its date of expiry		
	Details of CBMWTF	.	Already applied &
	(i) Number healthcare facilities covered by		
(ii) No of beds covered by CBMWTF	.	
(iii) Installed treatment and disposal capacity of		Kg per day

\$ 2(iii)(a)-Grant of Anthorisation: No: 09/25(BM)-2594/2009-upto 31/12/203 (b)-Consent to Operate: No: 10/25/con(BM)-2595/2009 upto. 31/12/2023 (c)-Consent to Retablish (NOE): 18/25/CFE(BM)-2127/2007.

	(iv) Quantity of biomedical waste treate by CBMWTF			1	/day				
	Quantity of waste generated or dispos- annum (on monthly average basis)	ed ir	Kg per :	Blue Cate	gory :	793	9125.446 17.848 195 kgr. 55.458 6387 kg	n moved	
	Details of the Storage, treatment, transpo	ortati	on, processing	and Disposa	l Facil	ity	D 3 B F MA	Lar IN	
	(i) Details of the on-site storage	:	Size :						
	facility		Capacity:						
			Provision of any other pro	on-site sto	orage	: (col	d storage or		
	(ii) Details of the treatment or disposal facilities		Autoclave Microwav Hydroclav Shredder Needle tip destroyer Sharps encapsulat concrete p Deep buris Chemical disinfectio	rs Nil rolysis N s Nil e Nil e Nil cutter or (Hub ion or it n: treatment	eus p. 0 1 in	ber c	Quantity treatedo r disposed in kg per annum	Jovite	
	(iii) Quantity of recyclable wastes sold to authorized recyclers after		Red Category	A Principal Control of the Control o	e, glass	etc.)			
	treatment in kg per annum.		hil				-3.6		
	(iv) No of vehicles used for collection and transportation of biomedical waste		(By med			מאינט בעט	vied Age	nces	
	(v) Details of incineration ash and ETP sludge generated and disposed			Quantit generat		Wh disp	osed		

	during the treatment of wastes in Kg per annum	Ash ETP Sludge PNot Applicable
	(vi) Name of the Common Bio- Medical Waste Treatment Facility Operator through which wastes are disposed of	Madicane
	(vii) List of member HCF not handed over bio-medical waste.	
6	Do you have bio-medical waste management committee? If yes, attach minutes of the meetings held during the reporting period	No (But this Subject geto council under Hospital injection Committed)
7	Details trainings conducted on BMW	
	(i) Number of trainings conducted on BMW Management.	Herom red earls 4
	(ii) number of personnel trained	1668
	(iii) number of personnel trained at the time of induction	All New joines trained at the Home Inde
	(iv) number of personnel not undergone any training so far	nil 0 - same
	(v) whether standard manual for training is available?	Ten
	(vi) any other information)	110
8	Details of the accident occurred during the year	
	(i) Number of Accidents occurred	NU
	(ii) Number of the persons affected	Lia Lia
	(iii) Remedial Action taken (Please attach details if any)	NA
	(iv) Any Fatality occurred, details.	NA
9.	Are you meeting the standards of air Pollution from the incinerator? How many times in last year could not met the standards?	gro .
	Details of Continuous online emission monitoring systems installed	(Roport enclosed) Annowher - ?
10	Liquid waste generated and treatment methods in place. How many times you have not met the standards in a year?	STP (Report enclosed) Annexus -2
11	Is the disinfection method or sterilization meeting the log 4	

	standards? How many times you have not met the standards in a year?	NA
12	Any other relevant information	(Air Pollution Control Devices attached with the Incinerator)

. 210c. nochmass D. .. At ... 810c. prouval

Name and Signature of the Head of the

Date: Place

Medica Superoposially Hospital 127, Mukeundapur, Embypass, Kol Katha



GOVERNMENT REGISTERED

An ISO 9001 : 2015 Company | Certificate : 18DQCM02





Date: 29.03.2018

Page 1 of 1

TEST REPORT

Certificate No.: E(D)-(NN)/17-18/5217

SAMPLE DRAWN BY US: Name of Customer

: M/S. Medica Superspeciality Hospital : 127, Mukundapur, E.M. By Pass, Kolkata-700 099

Address

: Effluent.

Description of Sample Collection Source Sample Drawn on

STP Outlet : 20.03.2018

Sample Received on Analysis Completed on : 20.03.2018 28.03.2018

Method of Sampling

: IS: 3025 (Part - 1) 1987 (Reaffirmed 2009)

Grab Mode of Sampling

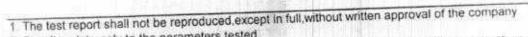
. PHYSICAL TEST FINDIN	GS:		
Sl. Test parameters	Test Method	Unit	Result
Temperature	APHA 22nd Edn, 2550-B	*C	27

SI No.	Test parameters	Test Method	Unit	Result	Environmental Protects Act. (MOE & F) for Effluent discharge int inland surface water
10	pH at 25°C	APHA 22nd Edn, 4500 H ⁺ B		7.0	3.5-90
2	Total Suspended Solids	APHA 22nd Edn, 2540 D	mg/L	56	100 mg/L (max
3	Oil & Grease	APHA 22nd Edn, 5520 B	mg/L	8.9	10 mg 1. (m.)
4	Biochemical Oxygen Demand at 27°C for 3 days	IS 3025(Part 44):1993(RA2003)	mg/L	48	10 mg 1 100
5	Chemical Oxygen Demand	APHA 22nd Edn, 5220 B	mg/L	132	250 mg/L (m)

Remarks: Satisfactory for the above tested parameters.

... End of Test Report...

or N. D. International Bidhen Ch. Biswas Sr. Chemist Chemical Discipling Authorized Signators



Results relate only to the parameters tested.

³ The remaining sample after test will be retained for 15 days from the date of issue of certificate.



GOVERNMENT REGISTERED

An ISO 9001 : 2015 Company | Certificate : 18DQCM02





Date: 05.05.2018

Page 1 of 1

TEST REPORT

Certificate No.: E(D)-(NN)/18-19/660

SAMPLE DRAWN BY US:

: M/s. Medica Superspeciality Hospital

Address

: 127, Mukundapur, E.M. By Pass, Kolkata-700 099

Description of Sample

: Effluent.

Collection Source

Name of Customer

: STP Inlet : 27.04.2018

Sample Drawn on Sample Received on Analysis Completed on

: 27.04.2018 : 05.05.2018

Method of Sampling

: IS: 3025 (Part - 1) 1987 (Reaffirmed 2009)

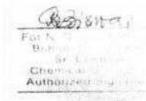
Mode of Sampling

: Grab

A.	PHYSICAL TEST FINDING	38:	GEAS INCLUDE	
SL No.	Test parameters	Test Method	Unit	Result
1	Temperature '	APHA 22nd Edn, 2550-B	•c	27

SI No.	Test parameters	Test Method	Unit	Result		
1	pH at 25°C	APHA 22nd Edn, 4500 H B		7.7		
2	Total Suspended Solids	APHA 22nd Edn, 2540 D	mg/L	16		
3	Oil & Grease	APHA 22nd Edn, 5520 B	mg/L	2.9		
4	Biochemical Oxygen Demand at 27°C for 3 days	1S 3025(Part 44) :1993(RA2003)	mg/L	15		
5	Chemical Oxygen Demand	APHA 22nd Edn, 5220 B	mg/L	48		

... End of Test Report.



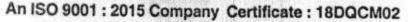
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2. Results relate only to the parameters tested.

3. The remaining sample after test will be retained for 15 days from the date of issue of certificate.



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TEST REPORT

Certificate No.: E(D)-(NN)/18-19/2614

SAMPLE DRAWN BY US:

Date: 30.08.2018

Page 1 of 1

Name of Customer

: M/s. Medica Superspeciality Hospital

Address

: 127, Mukundapur, E.M. By Pass, Kolkata-700 099

Description of Sample

: Effluent Water

Collection Source

: STP Inlet

Sample Drawn on

: 23.08.2018

Sample Received on Analysis Completed on : 23.08.2018

Method of Sampling

: IS: 3025 (Part - 1) 1987 (Reaffirmed 2009)

Mode of Sampling

: Grab

A.	PHYSICAL TEST FINDING	GS:	BELGIA	
SI. No.	Test parameters	Test Method	Unit	Result
1	Temperature	APHA 22nd Edn, 2550-B	*c	29

SI	Test parameters	Test Method	Unit	Result
No.	THE SAME AND A SAME AND A SAME OF THE SAME AND A SAME A			
	25°C	APHA 22nd Edn, 4500 H ⁺ B		7.7
2 Total	Suspended Solids	APHA 22nd Edn, 2540 D	mg/L	32
3 Oil &	Grease	APHA 22nd Edn, 5520 B	mg/L	5.3
	nemical Oxygen and at 27°C for 3 days	IS 3025(Part 44) :1993(RA2003)	mg/L	28
5 Chem	ical Oxygen Demand	APHA 22nd Edn, 5220 B	mg/L	75

... End of Test Report...

For N D International Bidhan Ch. Biswas St. Chemist, Chemical Discretion Authorized Signatory

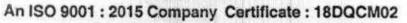
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^{2.} Results relate only to the parameters tested.

The remaining sample after test will be retained for 15 days from the date of issue of certificate. SKN-II



GOVERNMENT REGISTERED





Date: 30.08.2018

Page 1 of 1



TEST REPORT

Certificate No.: E(D)-(NN)/18-19/2615

SAMPLE DRAWN BY US:

: M/s. Medica Superspeciality Hospital

Address

: 127, Mukundapur, E.M. By Pass, Kolkata-700 099

Description of Sample

Name of Customer

: Effluent Water

Collection Source

: STP Outlet

Sample Drawn on Sample Received on 23.08.2018

Analysis Completed on Method of Sampling : 30.08.2018 : IS : 3025 (Part - 1) 1987 (Reaffirmed 2009)

Mode of Sampling

: Grab

A.	PHYSICAL TEST FINDING	SS:		
SL No.	Test parameters	Test Method	Unit	Result
1	Temperature	APHA 22nd Edn, 2550-B	*C	29

В.	CHEMICAL TEST FINDING	GS:			
SI No.	Test parameters	Test Method	Unit	Result	Limit As per Environmental Protection Act. (MOE & F) for Effluent discharge into inland surface water
1	pH at 25°C	APHA 22nd Edn, 4500 H* B		7.6	5.5 - 9.0
2	Total Suspended Solids	APHA 22nd Edn, 2540 D	mg/L	12	100 mg/L (max)
-3	Oil & Grease	APHA 22nd Edn, 5520 B	mg/L	3.5	10 mg/L (max)
A	Biochemical Oxygen Demand at 27°C for 3 days	IS 3025(Part 44) :1993(RA2003)	mg/L	12	30 mg/L (max)
15	Chemical Oxygen Demand	APHA 22nd Edn, 5220 B	mg/L	37	250 mg/L (max)
		And the second s			

Remarks: Satisfactory for the above tested parameters.

...End of Test Report...

For N O transmission of Bidhan Ch. Blower Sr. Chemist. Chemical Discipline Authorized Signatory

^{1.} The test report shall not be reproduced, except in full, without written approval of the company.

² Results relate only to the parameters tested.

^{3.} The remaining sample after test will be retained for 15 days from the date of issue of certificate.



R. V. BRIGGS & CO. PRIVATE LTD.

ANALYTICAL CONSULTING & TECHNICAL CHEMISTS ESTABLISHED IN 1900

TAHER MANSION, 1ST FLOOR

9, BENTINCK STREET, KOLKATA - 700 001



CIN: U51109WB1931PTC007007



TEST REPORT

o. AP-FG/18-19/185		Date: June 29, 2018		Co-ulty e-1	Page 1 of 1		
Issued to	: M/S. MEDIC	A HOSPITALS PVT. LTD.					
Address	: 127, Mukunda	apur, E.M. Bypass, Kolkata- 70	00099.	2			
Your W.O. No.		HD/100090, dtd. 21.06.2018					
Sample Description	: Stack Gas						
Date & time of sampling	: 25.06.2018 at	03:45 P.M.	Test Completed on: 26.06.2018				
A. General information	about stack:			181			
1. Stack connected to		: Diesel Generator - 1					
Emission due to : Burning of H.S.D							
 Material of construct 	: M.S.						
4. Shape of stack							
5. Whether stack is pro-	vided with permanent	platform & ladder : Sample w	as taken from r	oof top.			
6. Generator capacity		: 500 KVA					
B. Physical characteri	stics of stack :						
1. Height of the stack				(b) from roof level :			
2. Diameter of the stack	(a) at bottom	; (b) at top :					
Diameter of the stack at sampling point : 0.25 M (Approx)							
4. No. of Traverse point	t	: 4 Nos.					
5. Height of the sampli	ng point from GL	: 5.0 M (Approx)					
C. Analysis / Characte	eristic of stack :						
1. Fuel used : H.S.D			2. Fuel consur				
D: Results of sampling	ous emission :	Barometric pressure: 752 mmHg					
		Test Method	Unit	Results	Norms as per Environment		
Si No Test Parameters					(Protection) Thir Amendment Rule 2013, for 75 kw- ≤ 800 kw		
		IS 11255 : Part 3 : 1985	°C	119	(Protection) Thir Amendment Rule 2013, for 75 kw- \$ 800 kw		
1. Temperature of emi	ission	IS 11255 : Part 3 : 1985 IS 11255 : Part 3 : 1985	m/sec	6.45	(Protection) This Amendment Rule 2013, for 75 kw- ≤ 800 kw N.A N.A		
Temperature of emi Velocity of gas in d	ission luct		m/sec NM³/hr	6.45 823	(Protection) This Amendment Rul 2013, for 75 kw- ≤ 800 kv N.A		
Temperature of emi Velocity of gas in d Quantity of gas flow	ission luct	IS 11255 : Part 3 : 1985	m/sec	6.45 823 164.0	(Protection) This Amendment Rule 2013, for 75 kw- ≤ 800 kw N.A N.A		
Temperature of emit 2. Velocity of gas in d 3. Quantity of gas flow 4. Sulphur dioxide	ission luct	IS 11255 : Part 3 : 1985 IS 11255 : Part 3 : 1985	m/sec NM³/hr mg/Nm³ mg/Nm³	6.45 823	(Protection) This Amendment Rul 2013, for 75 kw- \$ 800 kv N.A N.A N.A		
Temperature of emi Velocity of gas in d Quantity of gas flow	ission luct	IS 11255 : Part 3 : 1985 IS 11255 : Part 3 : 1985 IS 11255 : Part 2 : 1985	m/sec NM³/hr mg/Nm³	6.45 823 164.0	(Protection) This Amendment Rule 2013, for 75 kw- \$ 800 kw N.A N.A N.A		
Temperature of emit Velocity of gas in d Quantity of gas flow Sulphur dioxide Nitrogen dioxide	ission luct	IS 11255 : Part 3 : 1985 IS 11255 : Part 3 : 1985 IS 11255 : Part 2 : 1985	m/sec NM³/hr mg/Nm³ mg/Nm³	6.45 823 164.0 148.0	(Protection) This Amendment Rule 2013, for 75 kw- \$ 800 kw N.A N.A N.A N.A N.A 4.0		
Temperature of emit 2. Velocity of gas in d 3. Quantity of gas flow 4. Sulphur dioxide 5. Nitrogen dioxide	ission luct	IS 11255 : Part 3 : 1985 IS 11255 : Part 3 : 1985 IS 11255 : Part 2 : 1985 ASTM D 1608	m/sec NM ³ /hr mg/Nm ³ mg/Nm ³ gm/kw-hr mg/Nm ³ gm/kw-hr	6.45 823 164.0 148.0 0.30 147 0.30	(Protection) This Amendment Rule 2013, for 75 kw- \$ 800 kw N.A N.A N.A N.A A N.A N.A N.A		
Temperature of emi Velocity of gas in d Quantity of gas flow Sulphur dioxide Nitrogen dioxide Carbon monoxide	ission luct	IS 11255 : Part 3 : 1985 IS 11255 : Part 3 : 1985 IS 11255 : Part 2 : 1985 ASTM D 1608	m/sec NM ³ /hr mg/Nm ³ mg/Nm ³ gm/kw-hr mg/Nm ³	6.45 823 164.0 148.0 0.30 147	(Protection) This Amendment Rule 2013, for 75 kw- \$ 800 kw N.A N.A N.A N.A N.A A N.A N.A		
Temperature of emi Velocity of gas in d Quantity of gas flow Sulphur dioxide Nitrogen dioxide Carbon monoxide	ission luct v	IS 11255 : Part 3 : 1985 IS 11255 : Part 3 : 1985 IS 11255 : Part 2 : 1985 ASTM D 1608 By NDIR	m/sec NM ³ /hr mg/Nm ³ mg/Nm ³ gm/kw-hr mg/Nm ³ gm/kw-hr	6.45 823 164.0 148.0 0.30 147 0.30	(Protection) This Amendment Rule 2013, for 75 kw- \$ 800 kw N.A N.A N.A N.A A N.A N.A N.A		

(J. MUKHERJEE) Quality Manager

Authorised Signatory
For R.V. BRIGGS & CO. (P) LTD.

[★] The test report shall not be reproduced, except in full, without written approval of the Company.
Shall to the parameters tested.



R. V. BRIGGS & CO. PRIVATE LTD.

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TAHER MANSION, 1ST FLOOR 9, BENTINCK STREET, KOLKATA - 700 001

Ph.: 2248-3661/2698/7803, 2262-4153/4154, Fax: 33 2248-0447 E-mall: rvbriggs.kolkata@gmall.com, Website: www.rvbriggs.com

CIN: U51109WB1931PTC007007



			TEST REPORT			
	AP-FG/18-19/186		Date: June 29, 2018	10.1 0 292		Page 1 of
Issued to : M/S. MED		: M/S. MEDI	CA HOSPITALS PVT. LTD).		1 age 1 of
_	dress	: 127, Mukuno	dapur, E.M. Bypass, Kolkata-	700099		
	10ur w.O. No. : 19/MD01/V		OHD/100090, dtd. 21.06.2018			
Sar	nple Description	: Stack Gas				
	te & time of sampling	: 25.06.2018 at 03:00 P.M.		Test Completed on: 26.06.2018		
A.	General information al	bout stack :	HID KIND OF BUILDING	1 con comp.	ered on . 20.	00.2016
1.	Stack connected to		: Diesel Generator - 2			
2.	Emission due to		: Burning of H.S.D			
3.	Material of construction	of stack	: M.S.			
4.	Shape of stack		: Circular.			
5.	Whether stack is provide	ed with permanent	platform & ladder : Sample	was taken fron	n roof ton	
6.	cienciator capacity		: 500 KVA			
В,	Physical characteristic			DESCRIPTION OF THE PROPERTY OF		
1.	Height of the stack	(a) from groun	id level: 7.5 M (Approx)	(b) from roo	flevel	
2.	Diameter of the stack (a) at bottom :		(b) at top :			
3.	Diameter of the stack at	sampling point	: 0.25 M (Approx)			
4.	No. of Traverse point		: 4 Nos.			
5.	Height of the sampling p	oint from GL	: 5.0 M (Approx)			
C.	Analysis / Characterist	ic of stack;				
1.	Fuel used : H.S.D			2. Fuel consumption: 76 Lt/hr.		
D.	Results of sampling &	esults of sampling & analysis of gaseous emission :		Barometric pressure : 752 mmHg		
il No	Test Parameters		Test Method	Unit	Results	Norms as per
					ACGUITS .	Environment (Protection) Thir Amendment Rule 2013, for 75 kw- \(\) 800 kw
1	op a control of the c			A CONTRACTOR		12 KM- 2 000 KM

IS 11255 : Part 3 : 1985

IS 11255 : Part 3 : 1985

IS 11255: Part 3: 1985

IS 11255 : Part 2 : 1985

ASTM D 1608

By NDIR

APHA - ORSAT

IS 11255 : Part 1 : 1985

°C

m/sec

NM3/hr

mg/Nm3

mg/Nm3

gm/kw-hr

mg/Nm3

gm/kw-hr

% v/v

mg/Nm3

gm/kw-hr

Pollution control device
 Details of pollution control devices attached with the stack; Nil.

Temperature of emission

Velocity of gas in duct

Quantity of gas flow

Sulphur dioxide

Nitrogen dioxide

Carbon monoxide

Particulate Matters

Carbon dioxide

2.

3.

4.

5.

6.

7.

8.



111

8.27

1079

177.0

145.0

0.39

138

0.37

6.6

36

0.10

N.A

N.A

N.A

N.A

4.0

3.5

N.A

0.2

* Results relate only to the parameters tested.

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