



(FORMERLY NEHRU COLLEGE OF NURSING)

7.1.5: Water conservation facilities available in the Institution:

- Rain water harvesting
- Borewell /Open well recharge
- Construction of tanks and bunds
- Waste water recycling
- Maintenance of water bodies and distribution system in the campus

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P. K. DAS COLLEGE
of **NURSING**
PANAYUR (PO), VANIYAMKULAM, PALAKKAD - 679522



(FORMERLY NEHRU COLLEGE OF NURSING)

CERTIFICATE OF THE HEAD OF INSTITUTION



P. K. DAS COLLEGE
of **NURSING**
PANAYUR (PO), VANIYAMKULAM, PALAKKAD - 679522



(FORMERLY NEHRU COLLEGE OF NURSING)

Prof.Dr.Srinivasan.G,

Principal

TO WHOMSOEVER IT MAY CONCERN

This is to certify that, our institution has facilities for water conservation.

- **Rain water harvesting**
- **Borewell /Open well recharge**
- **Construction of tanks and bunds**
- **Waste water recycling**
- **Maintenance of water bodies and distribution system in the campus**



G. Srinivasan
PRINCIPAL
PK DAS COLLEGE OF NURSING
PANAYUR (P.O), VANIYAMKULAM
OTTAPALAM, PALAKKAD DT
KERALA - 679-22



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INSTALLATION RECEIPTS

BSTIN : 32BZFFM6032H1ZL

Tel: 9400524059, 9037109671

ALFA ELECTRICALS & PLUMBING
VANIYAMKULAM

BILL OF SUPPLY/COMPOSITE TAXABLE PERSON

No : 1433

Date: 31/01/2019

Customer : NEHRU COLLEGE OF NURSING VANIYAMKULAM

NO	PARTICULARS	QTY	UNIT	RATE	AMOUNT
1	MULTI GOLD MEDAL	1.00		95.00	95.00
2	LED 3W CROMPTON	3.00		90.00	270.00
3	LED TUBE LIGHT SYSKA 4FIT	1.00		300.00	300.00
4	LED 9W CROMPTON	2.00		100.00	200.00
5	TAPE LONG BODY NANO NEST	1.00		370.00	370.00
6	CONNECTION TUBE 1METER	3.00		110.00	330.00
7	COOPERTUFLON	10.00		12.00	120.00
8	LED 7W CROMPTON	1.00		95.00	95.00
9	REDUCER 2" LINCH	1.00		28.00	28.00
10	STAR BOND 50ML	1.00		40.00	40.00
11	PVC BEND 1 LINCH	1.00		12.00	12.00
12	BLADE HACKSAW	2.00		6.00	12.00
13	WIRE 1SQ. MM 3 CORE	20.00		33.00	660.00
14	WIRE 1.5SQ. MM 3 CORE PLASA	5.00		44.00	220.00
15	3 PIN TOP 6A GM WHITE	2.00		55.00	110.00
16	SOCKET 6A KOLORS	5.00		68.00	340.00
17	1WAY SWITCH 6A KOLORS	3.00		24.00	72.00
18	COVERPLATE 12MD KBC KOLORS	1.00		165.00	165.00
19	BOXSM 12MD KOLORS	1.00		170.00	170.00
20	COVERPLATE 3MD KBC KOLORS	1.00		60.00	60.00
21	BOXSM 3MD KOLORS	1.00		65.00	65.00
22	T5 TUBE 28W OSRAM	2.00		110.00	220.00
23	GARDENHOSE EAGLE 3/4"	1.00		870.00	870.00
24	ROYAL UNION 3/4 INCH	1.00		10.00	10.00
25	ITEM [3/4" HOSE CONNECTOR TAPE PVC]	1.00		17.00	17.00
26	TAG 250MM	1.00		105.00	105.00
27	INSULATION TAPE	4.00		13.00	52.00

76.00 5008.00

NET TOTAL :- 5008.00

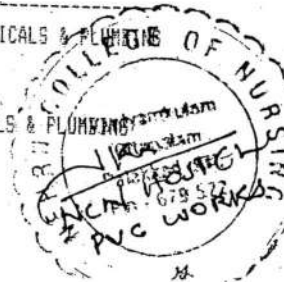
IN WORDS : RUPEES FIVE THOUSAND EIGHT ONLY

Prepared By : alfa 01/02/2019 11:37:2

FOR ALFA ELECTRICALS & PLUMBING

FOR ALFA ELECTRICALS & PLUMBING

THANK YOU...VISIT AGAIN...



PK DAS COLLEGE OF NURSING
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CROSSFIELDS

WATER PURIFIERS PRIVATE LIMITED

Name and Address of the Consignor :

Factory :
Crossfields Water Purifier Pvt Ltd.,
 40 C, Kamaraj Street, Coimbatore - 641 043
 Tamilnadu. Phone No. 2449327
 State Code : 33 GSTIN : 33AACCC7367F1ZR



Head Office :
 76, 7th Cross, Bharathi Park Road,
 Saibabacolony, Coimbatore - 641 011
 Tamilnadu. Phone No. 0422-2444470
 State Code : 33

Original sent to -
 Pak - Coimbatore

2/24

Invoice No. CFGST/20-21/0636

Date: 18/01/2021

Original for Receipt : Green
 Duplicate for Supplier/Transporter : Blue
 Triplicate for Records : Pink
 Extra Copy : RBlue

Sales Person. MANIKANDAN .R

Details of Receiver/Billed to
 M/s.
Nehru College of Nursing
 Vaniyamkulam
 Ottapalam
 Palakkad - 679522
 Ph: 0466-2226000

Details of Consignee/Shipped to
 M/s. Nehru College of Nursing
 Vaniyamkulam
 Ottapalam
 Palakkad - 679522
 Ph: 0466-2226000
 Ph : 08848215561

GSTIN : State : KERALA

State Code :

GSTIN : State : KERALA

State Code :

S.N o.	Description and Specification of Goods	HSN Code	Qty.	Rate	Amount	Less Discount	Taxable Value	Less Buy Back	CGST		SGST		IGST	
									Rate	Amount	Rate	Amount	Rate	Amount
1	UV Plus Model : UV Plus 6 NHC SS Unit No : 2021/01/3725	842121 90	1.0 Nos	50847.4 0	50847.4 0	0.00	50847.40	0.00	-	-	-	-	18%	9152.0

CGST (-)
 SGST (-)
 IGST (Rupees: Nine Thousand One Hundred Fifty-Two Only.)
 TOTAL TAX (Rupees: Nine Thousand One Hundred Fifty-Three Only.)
 Total Invoice Amount (Rupees: Sixty Thousand Only.)

Total Amount Before Tax : 50847.00
 Add : CGST : 0.00
 Add : SGST : 0.00
 Add : IGST : 9152.00
 TAX Amount : 9153.00
 Add : Frieght : 0.00
 Total Amount After Tax : 60000.00

Mode of Dispatch : Road

Transport : ABT

Order No : NCT/NCN/3117/21, Dated : 14.01.2021

Terms and Conditions :

For Crossfields Water Purifiers P Ltd

Authorised Signatory

CERTIFIED THAT THE PATICULARS GIVEN ABOVE ARE TRUE AND CORRECT

file copy



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**MAINTENANCE REPORTS OF WATER
CONSERVATION FACILITIES AVAILABLE
IN THE INSTITUTION**

S.NO	Date	Details
1.	9/02/2023	Water sample collected from hostel old purifier in Mess hall on 9/02/23 at 2.30pm. sign of person collected? - Jayasankar J. the sample } Health Inspector, Campy Name : _____ _____
2.	28/03/2023	Water sample collected from hostel old purifier in Mess hall at 9.40AM on 28/03/23. sign of person collected? - the sample } Name : Jayankar J. _____ Health Inspector, Campy med - PICOM
3.	17/05/2023	Water sample collected from hostel old purifier at 10.25AM sign : _____ Name : Jayankar J. of the person collected }



G.P.S.
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26/2/24 Water sample collected from P.K. Das College of Nursing ~~canteen~~ kitchen Hostel
Sample collected by Jayankar Health Inspector
Dy. County Med

7/5/24 Water sample collected from P.K. Das College of Nursing Canteen kitchen
Sample collected by Jayankar Health Inspector
County Medicines

21/06/24 Water sample collected from P.K. Institute of Health College of Nursing Canteen kitchen
Sample collected by Jayankar Health Inspector
Dy. County Medicines



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GCNR

		Sign w/cedar	3 Sign Principal
Hostel tank } College tank }	2018 June 26	<u>nk</u>	<u>Sankhal</u>
Hostel tank } College tank }	April 14 2018	<u>nk</u>	<u>Sankhal</u>
Hostel tank } College tank }	Aug 11, 2018	<u>nk</u>	<u>Sankhal</u>



G.Smy
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College Tanks - 2 Nos

O/S

Waldan

prince

Hostel Tanks - 2 Nos

26, 27 Dec 2019

JK
26/12/19

due on 15th Nov 2019

College Tanks - 2 Nos

Hostel Tanks 2 Nos

JK
20/2/20

JK

1 Feb 20th Completed 2020

College Tanks - 2 Nos

Hostel Tanks - 2 Nos

JK
17/10/20

JK

17 October 2020



JK

PRINCIPAL

PANAYUR (P.O.), VANIAMKULAM
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Date	Description :	Maint.	o/s new	Name
29/12/21	Hostel roof tank-2 nos cleaned on 29/12/2021 as per periodical	Ward 29/12/21	Le o/s-	
30/12/2021	Sub Tank II nd cleaned on 30/12/2021	Ward 30/12/21	(warden) Le o/s-nu	
23/7/22	Hostel roof tank 2 nos cleaned (NMR)	23/7/22		
23/7/22	Sub tank nos cleaned (NMR)	23/7/22		
30/12/22	Hostel roof Tank 2 nos cleaned (NMR)	30/12/2022	Ward	
30/12/22	Sub tank 2 nos cleaned (NMR)	30/12/2022	Ward	
2-2-23	Hostel tank clean Rames and Project	2-2-23	Ward 02/02/23	




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28/3/24 - Hostel Storage Cabinet
cleaning.

- Canteen Table cleaning

30/3/24 - Hostel Table (2 nos.)
cleaning

Remark

[Signature]

[Signature]



[Signature]
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P K Das Institute of Medical Sciences

Vaniyankulam, Ottapalam 679 522 Tel : 0466-2344500 (30 Lines)

E.mail : info@pkdashospital.com Web: www.pkdashospital.com



DEPARTMENT OF MICROBIOLOGY

Microbiological analysis of potable drinking water

Sample location	Nursing college hostel Purifier I-1	Lab ID	29/2023
Collection Date	28-03-2023	Reporting Date	30-03-2023
Method	Presumptive coliform count using multiple tube method		

RESULT: Presumptive coliform count /100 ml of water :- 0 , EXCELLENT

Negative for thermotolerant Escherichia coli, other Coliforms & fecal Streptococci

IMPRESSION :

Acceptable water quality for human consumption

INTERPRETATION

Water quality	Presumptive coliform count/100 ml water (MPN)
Excellent	<1
Satisfactory	1-3
Suspicious	4-10
Unsatisfactory	>10

TECHNICIAN



G. S. H.

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Deepthi
MICROBIOLOGIST

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P K Das Institute of Medical Sciences

Vaniamkulam, Ottapalam - 679 522. Tel : 0466 2344500 (30 Lines)

E-mail info@pkdashospital.com Web www.pkdashospital.com



DEPARTMENT OF MICROBIOLOGY

Microbiological analysis of potable drinking water

Sample location	Nursing college hostel Purifier L-1	Lab ID	18/2023
Collection Date	09-02-2023	Reporting Date	13-02-2023
Method	Presumptive coliform count using multiple tube method		

RESULT: Presumptive coliform count /100 ml of water :- 0 , EXCELLENT

Negative for thermotolerant Escherichia coli, other Coliforms & fecal Streptococci

IMPRESSION :

Acceptable water quality for human consumption

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TECHNICIAN



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Vaniamkulam, Ottapalam, Palakkad - 679522
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Minutes of the meeting of the Water Quality Control Wing at 3 pm on 08.02.2023 at the Conference Hall of the Principal

Members Present:-

1. Dr M A Andrews , Principal, Chairman
2. Prof Priya, Vice Principal of the Nursing College
3. Dr Lovely Livingstone, Asst Professor, Dept of Community Medicine
4. Mr Jayasankar, Health Inspector
5. Murlidhar Bhat, Administrative Manager
6. Jayaprakash P K, OS
7. Mr Rajkumar, Project Coordinator
8. Mr Jishnu, Project Engineer
9. Mr Rahul, Civil Engineer
10. Mr Krishnakumar, Warden, Boys' Hostel
11. Ms Sindhu, Warden, Girls' Hostel
12. Dr Arun Aravind (absent)
13. Mr Prakash Babu K P, GM (absent)
14. Mr Subin, Canteen Supervisor (absent)

The meeting Commenced at 3 pm with Dr M A Andrews, Principal on Chair.

At the outset, the Principal informed the Committee that we are bound to ensure the quality of the water being used in the Institution. It has further been informed that Hon Chairman has issued instructions to strictly ensure the standard of water, at any cost. The Principal asked the Civil Engineer in charge to state the present status of the Water supply and quality ensuring system.

Mr Jishnu, the Project Engineer informed the required details of the present system.

Mr Jishnu stated, among others things, the necessity to follow a definite procedure for ensuring quality of water from the source to end user, periodic quality testing and reporting through a definite channel till to the Hon Chairman. He further reported the entire things are to be taken over by the Civil Department, the affairs will be managed through this Committee. More water sources will be identified and made use of. The secondary storages - the tanks both UG and OH are to be maintained to conform to the required water standards. Treatment plants - water treatment, sewage treatment and effluent treatment are to be made more efficient to keep the water-




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standards. However, the takeover shall take one month as the system is presently under the control of the Maintenance Dept.

The meeting then discussed various aspects of the issue and decided as follows: -

1. The Committee decided to set a procedure for testing water in OH tanks once in every month. The water treatment system and its efficiency to be tested once in every month by testing samples of water (Team CM). Samples to be taken by the Wardens of Boys hostel and Girls Hostels, every month and to be handed over to the Dept of Community Medicine for testing
2. The periodic Reports are to be compared and the changes and status are to be reported to the Hon Chairman. The maintenance of the purifiers to be strictly monitored by the Committee and the execution of annual maintenance contract with respect to the water purifiers should be ensured. (Action- Team CM)
3. Copies of the Purchase Bills /installation reports with copy of the warranty, AMC document etc to be handed over to the end-user- point – responsible persons. The Responsible persons shall keep registers of the maintenance works being done. This shall be brought to the notice of the Purchase Dept /Accounts Dept for compliance. (Action- Purchase and Accounts Dept & End-user)
4. The end user should certify the installation reports with respect to the repairs and maintenances having been carried out periodically.
5. The samples of water being made available at the Hostel, Canteen, Nursing College, Theatres, Campus etc should be taken and tested. Dept of Community Medicine (Dr Lovely Livingstone) to oversee the work. The procedure (SOP) to be prepared by Community Medicine Department.
6. The Dietician in the Committee shall examine the test Reports and offer comments

The meeting further decided to :-

- a. Study the basic drawings of the water distribution system from source to end-user. The positions of the Bore well, Pond (Sources), the route of supply, filtration points and the UG and OH tanks to be spotted/located and examined for clear understanding of the system. (Action : Civil Wing)
- b. The meeting recommended to conduct external water testing at least once in six months. This may be done as and when necessary.



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c. There should be a system for testing water samples without office proceedings to avoid delay in testing.

Meeting came to a close at 4.15 pm with a vote of thanks to the Chair.

M A Andrews, MD, DM

PRINCIPAL

Copy to : All members of the Committee

Copy submitted to: Hon Chairman and Managing Trustee

: Director (Operations)

Dr. M. A. Andrews MD, DM
Principal

PK DAS Institute of Medical Sciences
Vaniyankulam, Ottapalam, 679522



G. Srinivas
PRINCIPAL
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PKD/CIR/PO/034/2023

08/02/2023


Circular

Subject: - Meeting of water quality control wing (QCW)

There will be a meeting of water quality control wing (QCW) scheduled with agenda as below:

- Subjects: 1. Measures taken for water surveillance.
2. Plan of action of QWC
- Date: 08/Feb/2023
- Time: 03:00 p.m.
- Place: Principal Office, PKDIMS

All Committee members are requested to attend without fail.


Principal

Dr. M. A. Andrews MD, B.S.
Principal
PK DAS Institute of Medical Sciences
Vaniamkulam, Ottapalam, 679522

Cc:
Members of QWC

Information:

The Chairman & Managing Trustee for information
The Director (Operations) for information
Vice-Principal
The Chief Operating Officer
The Medical Superintendent
The General Manager (Operations)
Members of QWC
OS/AEO/Academics/HR





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