



# R K Enterprises

Mfrs of WOLMAN Chlorinators  
Elappully.P O, 678 622 Palakkad, Kerala, India  
Phone - 0491-2584078, Mobile : 0 9447008078  
krp@rkenterprises.biz, www.rkenterprises.biz



WOLMAN Make Vacuum Operated  
Chlorination Plant Capacity of  
5-0 / 3.0 kg capacity

Site: *Jothy Engineering College.*

## Maintenance Report

Date *4/03/20*

SL No	Description	Serviced	Replaced	Remarks
1.	Stainless Steel 316 Chlorine gas filter with all accessories	✓		
2.	Vacuum regulator with Teflon diaphragm and Teflon working parts			
3.	Compensating differential regulator with Teflon diaphragm and working parts			
4.	Borosilicate glass rotameter with scale to measure the flow of chlorine gas.		✓	
5.	Flow regulating pressure valve to maintain the constant flow of required chlorine gas.			
6.	Injector to create the necessary vacuum at a minimum water pressure 0.5kg/cm <sup>2</sup> .			
7.	Vacuum pressure breaker Assembly			
8.	Connection pipes for chlorine gas from Cylinder to Plant			
9.	Chlorine Pressure Gauge		✓	
10.	Vacuum Pressure Gauge			
11.	Water Pressure Gauge			
12.	Solenoid Valve			
13.	Water Pressure Pump			
14.	Automatic Control Panel			

Serviced by :

*[Signature]*

Operator :

*[Signature]*

True Copy Attested

*[Signature]*

*1. Automatic is not working. It to rectify.*

Dr. SUNNY JOSEPH KALAYATHANKAL  
M.Tech, MICA, M.Sc, M.Phil, B.Ed  
Ph.D (Computer Science), Ph.D (Maths)  
PRINCIPAL  
Jothy Engineering College



Mfrs of WOOLMAN Chlorinators  
KRP/JEC/101  
22 nd April 2021

15 / 669, GANDHI NAGAR  
Phone : 0492- 3296548  
Mobile : 9447008078  
krp @ rkenterprises.biz  
www . rkenterprises . biz  
PAN No : AKWPP5082D  
GST32AKWPP5082D1ZW

The Executive Manager  
Jyothy Engineering College  
Cheruthuruthy

Dear Sir,

Sub : Supply of spares and complete maintenance of WOOLMAN  
make Chlorinator installed at your pumphouse  
Ref : Personal Enquiry an Site Visit on today and undertake  
the work

With reference to the above we have pleasure to undertake the maintenance  
of our own WOOLMAN' Make vacuum feed type chlorinator installed at your  
campus

A) Supply of Glycerine filled Stainless Steel Vacuum		
guage filted with all acessaries	1 set	Free of cost
B) Maintenance charges of Chlrorinator , complete		
cleaning of Vacuum regulator and rotameter	1 set	7,500.00
		<hr/>
Total		7,500.00
	GST @ 18 %	1,350.00
	Grand Total	<hr/> <hr/> 8,850.00

Thanking you,

Yours faithfully,  
For R K Enterprises

K R Prabhakaran

*prof. cypride to visit please.*

*if. b  
18/6/21*

*R to release  
the amount*

*Complete satisfactory  
Reason + 10000/-*

*Arman*

True Copy Attested

DR. SUNNY JOSEPH KALAYATHANKAL  
M.Tech, MCA, M.Sc, M.Phil, B.Ed  
Ph.D (Computer Science), Ph.D (Maths)  
PRINCIPAL

Jyothi Engineering College  
Cheruthuruthy P.O - 679 531

20\*

Free Fee

terprises

B 622, Palakkad, Kerala.  
0,0491 2584078  
78



TAX INVOICE

GST : 32AKWWPP5082D1ZW



e Manager ering College	No	09	Dispatched through :	Tempo
	Date:	22-04-2021	Vehicle No. :	KL 09 AQ 2968

Particulars	Quantity	Unit Rate	Amount		Tax Rate	Tax
			Rs.	Ps		
lycerine filled Vacuum Guage suitable for s	1 Set	Free				
ce of Chlorinator , complete cleaning of gulator and rotameter etc	1 Set	7,500.00	7,500	00	18%	1,350.00

particulars shown in the above Invoice are true and correct in all ds on which the tax charged and collected are in accordance with GST and the rules made there- after. It is also certified that our is not subject to any suspension / cancellation and it is valid as on	Sub Total	7,500.00
	Total Tax	1,350.00
	Grand Total	8,850.00

: Eight Thousand Eight Hundred and Fifty Only

*[Handwritten signature]*

For R K ENTERPRISES  
*[Handwritten signature]*  
Authorised signatory

True Copy Attested

*[Handwritten signature]*

Dr. SUNNY JOSE, KALAYATHANKAL  
M.Tech, B.Phil, B.Ed  
Ph.D (Maths)  
PRINCIPAL  
...ing College  
...y P.O.- 679 531



# R K Enterprises



Mfrs of WOOLMAN Chlorinators  
KRP/JEC/101  
15 th December 2020

Elappully P O, 678 622  
Palakkad, Kerala, India  
Phone - 0491-2584078  
Mobile : 9447008078  
krp@rkenterprises.biz  
www.rkenterprises.biz  
GST 32AKWPP5082D1ZW

The Executive Manager  
Jyothy Engineering College  
Cheruthuruthy  
Dear Sir,

Sub : Supply of spares and complete maintenance of WOOLMAN  
make Chlorinator installed at your pumphouse  
Ref : Personal Enquiry an Site Visit on today

With reference to the above we have pleasure to undertake the maintenance  
of our own WOOLMAN' Make vacuum feed type chlorinator installed at your  
campus

A) Supply of Glycerine filled Stainless Steel Vacuum guage filted with all <u>ecessaries</u>	1 set	6,500.00
B) Maintenance charges of Chlorinator , complete cleaning of Vacuum regulator and rotameter	1 set	7,500.00
Total		14,000.00
GST @ 18 %		2,520.00
Grand Total		16,520.00

Thanking you,

Yours faithfuiiy,  
For R K Enterprises

K R Prabhakaran

*ROMANT*  
True Copy Attested

Dr. SUNNY JOSEPH KALAYATHANKAL  
M.Tech, MCA, M.Sc, M.Phil, B.Ed  
Ph.D (Computer Science), Ph.D (Maths)  
PRINCIPAL  
Jyothi Engineering College  
Cheruthuruthy P.O.-679 531

*This chlorination plant was cost AMC at present  
The work will be completed.*

# Enterprises

O.- 678 622, Palakkad, Kerala.  
803080,0491 2584078  
7008078



**TAX INVOICE**  
GST : 32AKWWPP5082D1ZW



Executive Manager Engineering College Cheruthy	No	87	Dispatched through :			Tempo	
	Date:	15-12-2020	Vehicle No. :			KL 09 AQ 2968	
Particulars	Quantity	Unit Rate	Amount Rs. Ps		Tax Rate	Tax	
Quantity of glycerine filled Vacuum Guage suitable for the gas	1 Set	6,500.00	6,500	00	18%	1,170.00	
Maintenance of Chlorinator , complete cleaning of pressure regulator and rotameter etc	1 Set	7,500.00	7,500	00	18%	1,350.00	
<b>Sub Total</b>			14,000.00				
<b>Total Tax</b>			2,520.00				
<b>Grand Total</b>			16,520.00				

All above particulars shown in the above Invoice are true and correct in all  
the grounds on which the tax charged and collected are in accordance with  
the provisions of the GST and the rules made there- after It is also certified that our  
Invoice is not subject to any suspension / cancellation and it is valid as on  
the date of issue of this bill

Words) : Sixteen Thousand Five Hundred and Twenty Only

*[Handwritten Signature]*

For, R K ENTERPRISES  
*[Handwritten Signature]*  
Authorised signatory

True Copy Attested

*[Handwritten Signature]*

SUNNY JOSEPH KALAYATHANKAL  
M.Tech, MCA, M.Sc, M.Phil, B.Ed  
Ph.D (Computer Science), Ph.D (Maths)  
PRINCIPAL  
Jyothi Engineering College  
Cheruthy, Palakkad



# R K Enterprises



Mfrs of WOOLMAN Chlorinators

RKE/JEE/106  
11 th Februray 2020

The Executive Manager,  
Jyothy, Engineering College  
Cheruthuruthy.

Elappully.P O,678 622  
Palakkad , Kerala, India  
Phone - 0491-2803080  
Mobile : 0 9447008078  
krp@rkenterprises.biz  
www.rkenterprises.biz  
VAT TIN 32090602342-C

Dear sir,

sub : Supply of Spares and Complete Overhauling of Chlorination Plant  
Supply of 50 kgs filled chlorine cylinder

Ref : Your Work order No : JECC/5/A/3/19 - 20 Dated 10 - 02 - 2020

We have supplied the filled chlorine cylinder capacity of 50 kgs , supplied required spares as per our offer and completed the overhauling of WOOLMAN make chlorinator installed at your pumphouse .


Enclosed please find the invoice for your reference.

kindly release the payment of Rs 82,600.00 at the earlieast.

Thanking you and assuring you of our best services and co-operation always.

yours faith fully,

For R K Enterprises

  
K R Prabhakar

Encl : Invoice for Rs. 82,600.00

True Copy Attested  


Dr. SUNNY JOSEPH KALAYATHANKAL  
M.Tech, MCA, M.Sc, M.Phil, B.Ed  
Ph.D (Computer Science), Ph.D (Maths)  
PRINCIPAL  
Jyothi Engineering College  
Cheruthuruthy P.O. - 679 531



# Jyothi Engineering College

NAAC Accredited College with NBA Accredited Programmes\*

Approved by AICTE & affiliated to APJ Abdul Kalam Technological University

A CENTRE OF EXCELLENCE IN SCIENCE & TECHNOLOGY BY THE CATHOLIC ARCHDIOCESE OF TRICHUR  
JYOTHI HILLS, VETIKATTIRIP O, CHERUTHURUTHY, THRISSUR PIN-679531 PH. +91 4884 259000, 274423 FAX 04884 274777



Date: 10/02/2020

W.O. NO. JECC/5/A/3/19-20/026

To

M/s. R. K. Enterprises  
Elappully P.O.,  
Palakkad - 678 622

Dear Sirs,

Sub : Complete overhauling of WOOLMAN make Chlorinator installed at Jyothi Engineering College - reg.  
Ref : Your Quotation No. KRP/JEC/101 dated 02-12-2020.

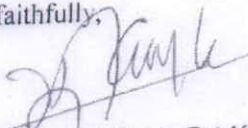
We are pleased to inform you that rate quoted by you vide your Quotation cited above for the complete overhauling of Chlorinator and subsequent negotiation is accepted by us. Accordingly, you are requested to carry out the following work:

S. No.	Particulars	Amount in Rs.
1.	Complete overhauling of WOOLMAN make Chlorinator installed at the pump house of Jyothi Engineering College.	70,000.00
	GST (18%)	12,600.00
	Total	82,600.00

### TERMS AND CONDITIONS

1. Price : The Price is Inclusive of all Taxes.
2. Payment : 100% after completion of the work

Ours faithfully,

  
ROY JOSEPH VADAIKAN  
Secretary & Assistant Manager

Copy to:

1. The Principal
2. File

True Copy Attested

  
Dr. SUNNY JOSEPH KALAYATHANKAL  
M.Tech, MCA, M.Sc, M.Phil, B.Ed  
Ph.D (Computer Science), Ph.D (Maths)  
PRINCIPAL  
Jyothi Engineering College  
Cheruthuruthy P.O. - 679 531



Centre for Water Research and Education  
 Department of Civil Engineering

Jyothi Engineering College, Cheruthurthy

(Approved by Kerala State Pollution Control Board as a Commercial Laboratory vide order No PCB/LAB/C12/2014 Dated 13/10/2015)

Result on Analysis of Water Sample *Jyothi canteen Tapwater*

Source of Sample : *Tap water*

Date of Collection: *26.3.19*

Date of Testing : *26.3.19 - 29.3.19*

Standard Followed : *IS 10500 -2012*

Sl no	Parameter	Unit	Acceptable limit	Permissible limit	Content in the Sample
1	Turbidity	Unit	1	5	0.5
2	pH	-	6.5-8.5	No relaxation	7.1
3	TDS	Mg/litre	500	2000	182
4	Alkalinity	Mg/litre	200	600	-
5	Total Hardness	Mg/litre	200	600	-
6	Chloride	Mg/litre	250	1000	120
7	Fluoride	Mg/litre	1	1.5	0.2
8	Nitrate	Mg/litre	45	No relaxation	17.1
9	Iron	Mg/litre	0.3	No relaxation	9.8
10	Manganese	Mg/litre	0.1	0.3	0.28
11	Suphate	Mg/litre	200	400	17.1
12	Sulphide	Mg/litre	0.05	No relaxation	3.4
13	Dissolved Oxygen	Mg/litre	-	-	-
14	COD	Mg/litre	-	-	6.4
15	BOD	Mg/litre	-	-	17.1
16	Residual chlorine	Mg/litre	0.2	1.00	0
17	Coliform /100ml	Number/100ml	Nil	NIL	0.2
18	E_Coli /100ml	Number/100ml	Nil	NIL	17.1

Remarks and Recommendations :

*All the tested parameters are within limit*

Dr. SUNNY JOSEPH KALAYATHANKAL  
 M.Tech, MCA, M.Sc, M.Phil, B.Ed  
 Ph.D (Computer Science), Ph.D (Maths)  
 PRINCIPAL  
 Jyothi Engineering College

*Amritha*

*Amritha*



Centre for Water Research and Education

Department of Civil Engineering

Jyothi Engineering College, Cheruthurthy

(Approved by Kerala State Pollution Control Board as a Commercial Laboratory vide order No PCB/LAB/C12/2014 Dated 13/10/2015)

Result on Analysis of Water Sample : Jyothi Boys Hostel

Source of Sample : Tap water

Date of Collection: 25.11.19

Date of Testing : 25.11.19 - 27.11.19

Standard Followed : IS 10500 -2012

Sl no	Parameter	Unit	Acceptable limit	Permissible limit	Content in the Sample
1	Turbidity	Unit	1	5	0.3
2	pH	-	6.5-8.5	No relaxation	6.6
3	TDS	Mg/litre	500	2000	170
4	Alkalinity	Mg/litre	200	600	-
5	Total Hardness	Mg/litre	200	600	110
6	Chloride	Mg/litre	250	1000	90
7	Fluoride	Mg/litre	1	1.5	-
8	Nitrate	Mg/litre	45	No relaxation	2.8
9	Iron	Mg/litre	0.3	No relaxation	0.2
10	Manganese	Mg/litre	0.1	0.3	-
11	Suphate	Mg/litre	200	400	3.1
12	Sulphide	Mg/litre	0.05	No relaxation	-
13	Dissolved Oxygen	Mg/litre	-	-	6.5
14	COD	Mg/litre	-	-	Nil
15	BOD	Mg/litre	-	-	-
16	Residual chlorine	Mg/litre	0.2	1.00	0.2
17	Coliform /100ml	Number/100ml	Nil	NIL	Nil
18	E_Coli /100ml	Number/100ml	Nil	NIL	-

Remarks and Recommendations :

All the parameters are within limit.

*Sunny*

Dr. SUNNY JOSEPH KALAYATHANKAL

M.Tech, MCA, M.Sc, M.Phil, B.Ed

Ph.D (Computer Science), Ph.D (Maths)

PRINCIPAL





# Jyothi Engineering College

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 A CENTRE OF EXCELLENCE IN SCIENCE & TECHNOLOGY BY THE CATHOLIC ARCHDIOCESE OF TRICHUR  
 JYOTHI HILLS, VETTIKATTIRI P.O., CHERUTHURUTHY, THRISSUR, PIN-679531 PH: +91- 4884-259000, 274423 FAX: 04884-274777

NBA accredited B.Tech Programmes in Computer Science & Engineering, Electronics & Communication Engineering, Electrical & Electronics Engineering and Mechanical Engineering valid for the academic years 2016-2022. NBA accredited B.Tech Programme in Civil Engineering valid for the academic years 2019-2022.

## 7.1.4 Water conservation facilities available in the Institution

Maintenance of water bodies and distribution system in the campus

Maintenance of Water Coolers

2

Sl. No.	Date	Checked By	Status
34	29/9/19	Ork	✓
35	6/10/19	Rajith	✓
36	13/10/19	Ork	✓
37	20/10/19	Ork	✓
38	27/10/19	Rajith	✓
39	3/11/19	Rajith	✓
40	10/11/19	Ork	✓
41	17/11/19	Rajith	✓
42	24/11/19	Ork	✓
43	1/12/19	Rajith	✓
44	8/12/19	Rajith	✓
45	15/12/19	Rajith	✓
46	22/12/19	Rajith	✓
47	29/12/19	Rajith	✓
48	5/1/20	Rajith	✓
49	12/1/20	Rajith	✓
50	19/1/20	Rajith	✓
51	26/1/20	Rajith	✓
52	2/2/20	Rajith	✓
53	10/2/20	Rajith	✓
54	16/2/20	Rajith	✓
55	22/2/20	Rajith	✓
56	29/2/20	Anamitha	✓
57	7/3/20	Anamitha	✓
58	14/3/20	Anamitha	✓
59	18/5/20	Anamitha	✓
60	30/5/20	Ann	✓
61	6/6/20	Ann	✓
62	13/6/20	Rajith	✓
63	20/6/20	Rajith	✓
64	27/6/20	Rajith	✓
65	4/7/20	Anamitha	✓
66	11/7/20	Anamitha	✓
67	18/7/20	"	✓
68	25/7/20	"	✓
69	1/8/20	"	✓

*Filter checked* (next to rows 53, 67, 68)

*Sunny*

**SUNNY JOSEPH KALAYATHANKAL**  
 M.Tech, MCA, M.Sc, M.Phil, B.Ed  
 Ph.D (Computer Science), Ph.D (Maths)  
 PRINCIPAL  
 Jyothi Engineering College  
 Cheruthuruthy P.O.- 679 531



# WATER TANK MAIN

EHB  
COLLEGE  
OVER HEAD  
HOSTEL  
ROVS

EAST  
SECTION(A)

WEST  
SECTION(B)

HOSTEL  
ROVS

DONE  
26-2-2018

DONE  
22-2-2018

DONE  
22-2-2018

DONE ON  
23-2-2019

DONE ON  
25-2-2019

DONE ON

DONE

29-5-2019

30-5-2019

26-11-2019

13-2-2020

14-2-2020

4-2-2020

4-6-2020

8-6-2020

9-1-2021

28-12-2020

15-12-2020

24-9-2021

30-9-2021

True Copy Attested

AMUND

Dr. C. S. ... KALAYATHANKAL  
M.Tech, ...  
Ph.D (Computer Science), ...  
PRINCIPAL  
Jyothi Engineering College  
... PO-679 531

DATE	SECTION A(E)	SECTION (B/W)	OVER HEAD COLLEGE	BOYS HOSTEL
------	--------------	---------------	-------------------	-------------

5/3/16	CLEANED			
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5/3/16		CLEANED		
--------	--	---------	--	--

7/3/16			<del>CLEANED</del>	CLEANED
--------	--	--	--------------------	---------

*A. J. Pinto*

Fr. JINTO PEREPPADAN  
 Assistant Manager (Projects)  
 Jyothi Engineering College,  
 Vettiakkattor Cheruthuruthy  
 Thrissur-679 531

1/6/16			DONE	
--------	--	--	------	--

3/6/16		DONE		
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6/6/16	DONE			
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7-12-16	DONE			
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2-12-16		DONE		
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-3-17			DONE	
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-4-17	DONE			
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-4-17		DONE		
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*Amaro*

APRIL

7-9-17	DONE	DONE		
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DONE

27-9-17

27-7-17

True Copy Attested