

# “INSTANT SOLVENT SOFTENER”

Softwater without Chemicals



CHANGES GLOBAL ECONOMICS

INDIAN INNOVATION



शुद्ध पाणी  
CLEAR WATER  
WITHOUT CHEMICALS



PARAHSAKTHY POWER TECHNOLOGIES (P) LTD  
Since 2013

# Introduction of “इकाको पाानी”



We, M/s Parahsakthy Power Technologies (Pvt.) Ltd.,(PPTL), Hyderabad is an NSIC and MSME Registered, ISO Certificate manufacturer and supplier of “इकाको पाानी” Converter, also called as I.S.S ( Instant Solvent Softener) With the background of more than three decades in the Instrumentation, PPTL is committed to serve the nation to save scarcely available valuable resources like - energy, fuel and water by way of introducing the “इकाको पाानी” Converter an unique nano-catalytic, first-of-its-kind patent registered Instant Solvent Softener. Our core team of engineers, technicians and committed field force strive hard in generating application oriented technology to suit the needs of clients whose production is development on water/solvent to save their valuable equipment from scales and algae without using any chemicals and minimize expenditure on power and fuel.



## **A Non-Chemical, First-of-its-kind, Nano-Catalytic, Instant Solvent Softener (I.S.S)**

This is a non - chemical instant clean innovative hard water softening technology. The “इकाको पाानी” Converter is designed as a fixture for the existing pipeline for not only removing the existing scales /algae but also to prevent any scale formation without using chemicals, salts, membranes. Our converter is a 100% eco-friendly green product with zero maintenance.

The “इकाको पाानी” Converter which has an inbuilt Catalytic Chamber creates an artificial turbulence when water passes through it which helps to **create particles division from 600 to 10 microns and alters the bonding state** of Calcium Carbonate and Magnesium Sulphate by separating both of them. The turbulence usage thus created trigger the precipitation of Calcium Carbonate in water in the form of stable originate crystals. These minerals are remained in water under different structure and can not bond again to form of stable originate crystals. These minerals are remained in water under different structure and can not bond again to form scales. Thus the water once passes through “इकाको पाानी” Converter remains treated for ever and 100% scale free It will also helps to remove the existing scales over a period of time

CEMENT INDUSTRIES

OIL REFINERIES

AIR COMPRESSORS

COOLING TOWERS

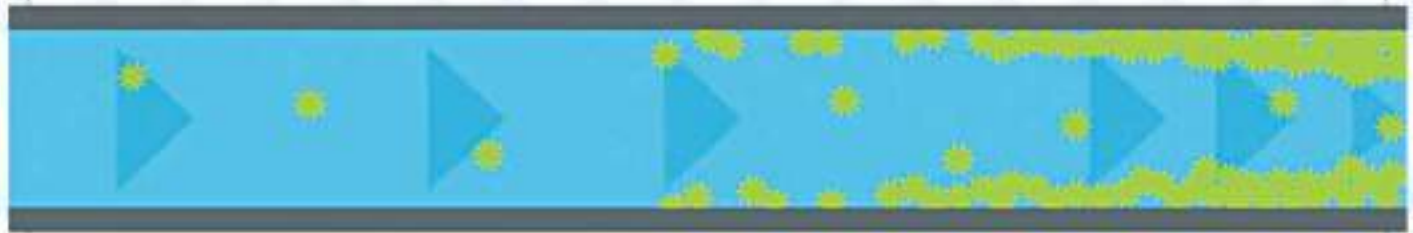
CONDENSERS

# Technology of “इचार्जे पाणी”

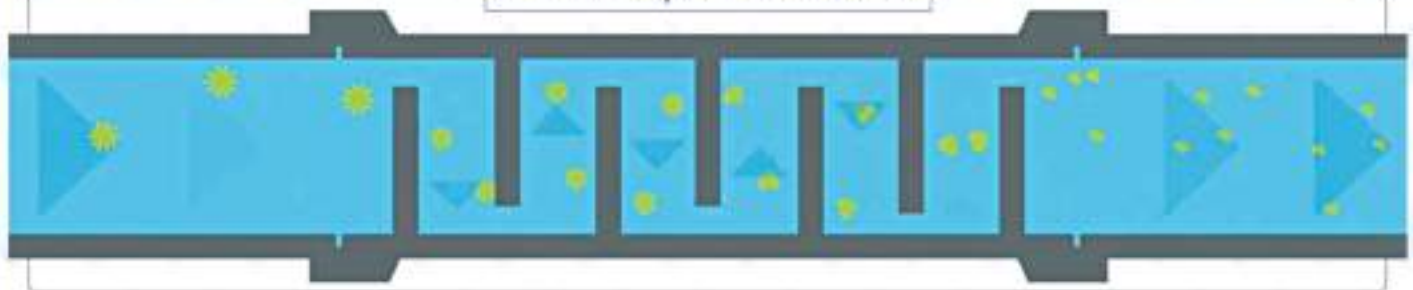


## INTERNAL STRUCTURE OF “INSTANT SOLVENT SOFTNER”

STANDARD WATER SYSTEM



WITH “इचार्जे पाणी” WATER SYSTEM



Size : 300mm  
Flow Rate : 350 to 480 m<sup>3</sup>/hr



Size : 200mm  
Flow Rate : 180 to 220 m<sup>3</sup>/hr



Size : 150mm  
Flow Rate : 142 to 180 m<sup>3</sup>/hr



Size : 125mm  
Flow Rate : 94.5 to 142 m<sup>3</sup>/hr



Size : 100mm  
Flow Rate : 68 to 95 m<sup>3</sup>/hr



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# Patent Certificate of "इच्छते पाणी"



ORIGINAL

No. 65281

भारत सरकार  
GOVERNMENT OF INDIA  
पेटेंट कार्यालय  
THE PATENT OFFICE

## CERTIFICATE OF REGISTRATION OF DESIGN

Design No. 294542  
Date 08/06/2017 12:03:00  
Reciprocity Date\*  
Country

Certified that the design of which a copy is annexed hereto has been registered as of the number and date given above in class 23-01 in respect of the application of such design to WATER SOFTENING APPARATUS in the name of M/S. PARAHSAKTHY POWER TECHNOLOGIES (P) LTD, H. NO: 1-10-28/232/110, LANE NO. 6, SHIVA SAINAGAR, KUSHAIGUDA, ECIL POST, HYDERABAD-500 062, TELANGANA, INDIA.

in pursuance of and subject to the provisions of the Designs Act, 2000 and the Designs Rules, 2001.

Controller General of Patents, Designs and Trade Marks

\*The reciprocity date (if any) which has been allowed and the name of the country.  
Copyright in the design will subsist for ten years from the date of Registration, and may under the terms of the Act and Rules, be extended for a further period of five years.  
This Certificate is not for use in legal proceedings or for obtaining registration abroad

JAGAN MOHAN RAO,  
H. NO: 1-10-28/232/110, LANE NO. 6, SHIVA  
SAINAGAR, KUSHAIGUDA, ECIL POST,  
HYDERABAD-500 062, TELANGANA, INDIA.

Date of Issue 18/05/2018 16:20:49

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# Client List of "Swachh Paani"



**Reliance**  
Industries Limited

**RAMCO**  
SUPERGRADE  
As strong as family bonds.

**Heritage**  
HEALTH AND HAPPINESS  
Installed in 20 Locations

**AMARA RAJA**  
Gotta be a better way

**UltraTech**  
CEMENT  
The Engineer's Choice

**Godrej agrovet**  
Brighter Farming

**VASUDHA PHARMA CHEM LIMITED**

**Emami\***

**Ambuja**  
Cement

**KESORAM**

**ROOPA**  
INDUSTRIES LIMITED  
Leveraging Synergies... Catalyzing Growth...  
Since 2006

**JERSEY**  
Be Healthy, Have Fun...

**DOOLA DAIRY**

**RAMCO GROUP**  
TEXTILE DIVISION  
SPINNING EXCELLENCE

**SHREE CEMENT LIMITED**

**Votorantim**  
DIGVIJAY CEMENTS

**Dalmia**  
Bharat Cement

**JSW**  
Cement

**The India Cements Ltd**

**SPARKVEE**

**ACC**  
cement

**Zuari Cement**  
HINDALCO CEMENT GROUP

**TAGOOR**  
TAGOOR CHEMICALS Pvt. Ltd.

**Chettinad**  
cement  
Installed in 3 Locations

**Vizag Foods Pvt. Ltd.**

**HEMADRI**  
CEMENTS

**biltech™**

**SOMMAS**

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# Client List of "Swachh paani"

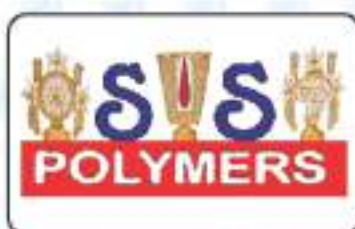


**ARVIND**  
Arvind Mills



**DECCAN CEMENTS LIMITED**  
Location :  
1) Bhavanipuram, Nalgonda

**K SUGAR AND P IND COR**



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# Installations of “इवाचे पाणी”



**LOCATION : COOLING TOWER SUMP OUTLET**  
**M/s ULTRATECH CEMENTS - ANDHRA PRADESH , INDIA**  
**MODEL NUMBER : PPTLISSSSFL30000**



**LOCATION : COOLING TOWER SUMP OUTLET**  
**M/s ULTRATECH CEMENTS - KARNATAKA , INDIA**  
**MODEL NUMBER : PPTLISSSSFL30000**

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# Installations of “इवाचे पाणी”



**UltraTech**  
CEMENT  
The Engineer's Choice



**LOCATION : W.H.R.S - WASTE HEAT RECOVERY SYSTEM  
M/s ULTRATECH CEMENTS - MADHYA PRADESH , INDIA  
MODEL NUMBER : PPTLISSSSFL30000**

**UltraTech**  
CEMENT  
The Engineer's Choice



**LOCATION : CEMENT MILL  
M/s ULTRATECH CEMENTS - MADHYA PRADESH , INDIA  
MODEL NUMBER : PPTLISSSSFL30000**

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# Installations of “इवाचके पाानी”



**UltraTech**  
CEMENT  
The Engineer's Choice



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**M/s ULTRATECH CEMENTS - MADHYA PRADESH , INDIA**  
**MODEL NUMBER : PPTLISSSSFL30000**

**UltraTech**  
CEMENT  
The Engineer's Choice



**LOCATION : CEMENT MILL**  
**M/s ULTRATECH CEMENTS - MADHYA PRADESH , INDIA**  
**MODEL NUMBER : PPTLISSSSFL30000**

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# Installations of “इवाचे पाणी”



**LOCATION : COOLING TOWERSUMP OUTLET**  
**M/s SPARKVEE FINE CHEM (P) LTD - KARNATAKA , INDIA**  
**MODEL NUMBER : PPTLISSSSFL10000**

V11Pro  
ial Camera



**LOCATION : MAIN SUMP OUTLET**  
**M/s KAKATIYA CEMENTS LTD - ANDHRA PRADESH, INDIA**  
**MODEL NUMBER : PPTLISSSSFL15000**

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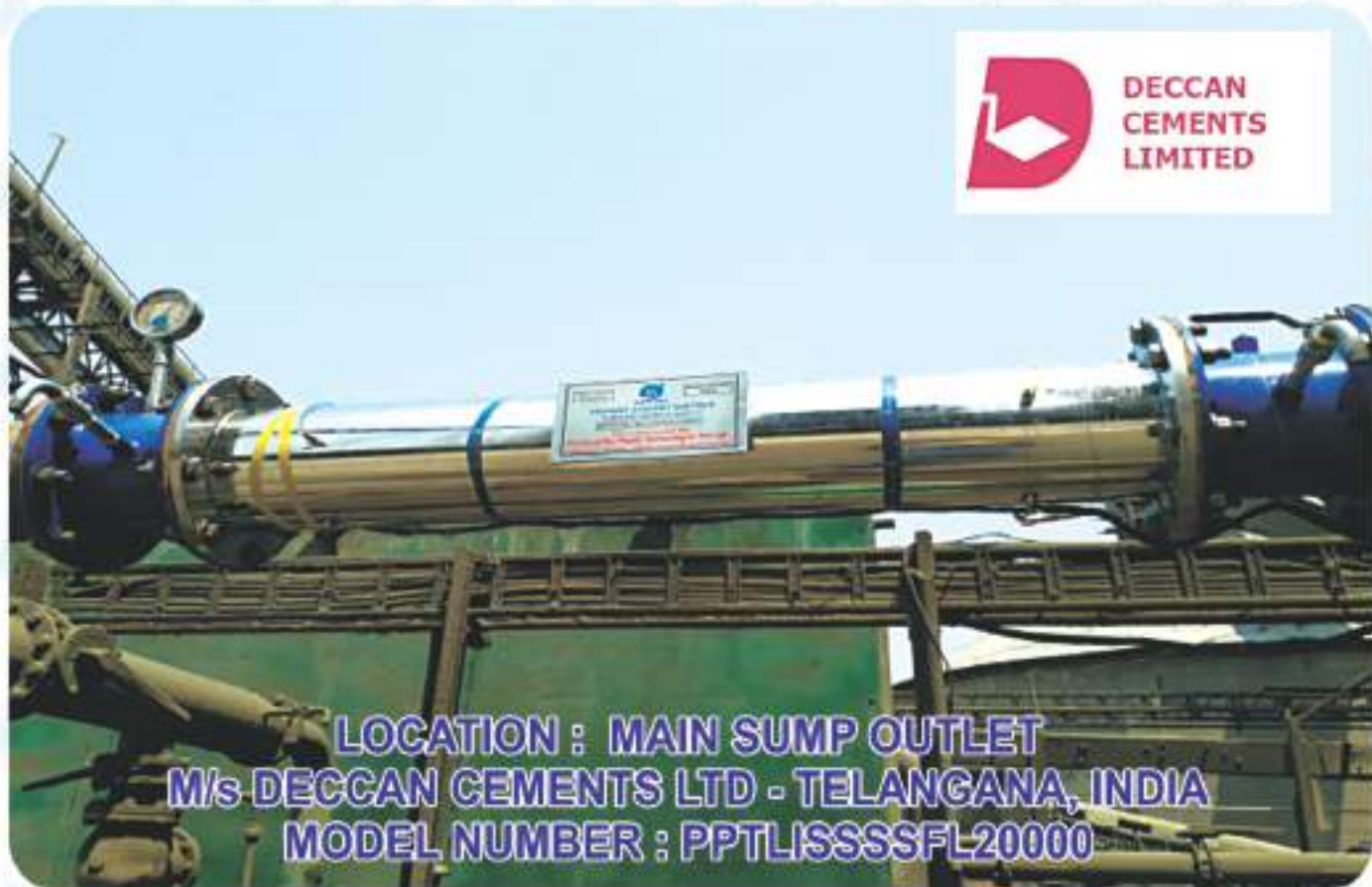
COOLING TOWERS

CONDENSERS

# Installations of “इवाचे पाणी”



DECCAN  
CEMENTS  
LIMITED



LOCATION : MAIN SUMP OUTLET  
M/s DECCAN CEMENTS LTD - TELANGANA, INDIA  
MODEL NUMBER : PPTLISSSSFL20000



LOCATION : MAIN SUMP OUTLET  
M/s MIT UNIVERSITY - MAHARASTRA, INDIA  
MODEL NUMBER : PPTLISSSSFL10000

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# Installations of “इवाचे पाणी”



DECCAN  
CEMENTS  
LIMITED



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LOCATION : MAIN SUMP OUTLET  
M/s MIT UNIVERSITY - MAHARASTRA, INDIA  
MODEL NUMBER : PPTLISSSSFL10000

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# Application & Significant Highlights



## इवाचो पाणी

### INSTANT SOLVENT SOFTNER

is suitable for all Sectors,  
where water flows, there  
we had a Scale problems,  
We give the solution for all  
scaling problems

Cement Industries

Dairy Industries

Pharma Industries

Power Plants

Ice Plants

Food Industries

Hotels / Restaurants

Independent Houses

Rice Mills

Cooling Towers

Gear Box

Condenser

R.O System

Chilling Plant

Heat Exchanger

Drip / Micro Irrigation

Boilers



इवाचो पाणी  
CLEAR WATER  
WITHOUT CHEMICALS

100% eco-friendly green product

Stops hard water scale and corrosion

One time investment for life time profits

Reduces expenditure on energy consumption

Virtually maintenance free for almost life time

Suitable to all industries wherever water is used

More water out low for less energy consumption

Improves life time and performance of any equipment

Algae free and clean water storage tanks and pipelines

Removes the existing scales and no further scales in pipeline

Saving in three valuables (water , energy (or) fuel and money)

No chemical, salt, acid for pipeline (or) valves to clean the scales

Easy to install ,without any alteration to the existing pipeline

Keeps cooling towers (or) piping (or) condensers clean and scale free



COOLING TOWERS

AIR COMPRESSORS

CONDENSERS

COMPRESSORS

HEAT EXCHANGERS

# Advantages of इजाबते पाणी



## Benefits of "इजाबते पाणी" In Cooling Tower

- Heat Transfer Efficiency Increased
- Scale free Heat Transfer Surfaces
- Reduce the Equipment Downtime
- Operating Cost Reduced
- Maintenance Cost & time Reduces
- Equipment Efficiency Increased
- Chemical / Softner not required
- Useful for Plant Equipments also
- Help to main pH Levels
- Energy Saving
- It Reduces the Existing Scales
- During descaling must install filters



## Benefits of "इजाबते पाणी" In Heat Exchanger



- Heat Transfer Efficiency Increased
- Reduce the Bio film formation
- Reduces the chemical usage
- More Consistent water
- Scale free Heat Transfer Surface
- Extent Useful life of Equipment

## Benefits of "इजाबते पाणी" In Chilling Plant

- Energy Cost Reduce
- Improves Equipment life cycle
- Heat Transfer efficiency increased
- Maintenance cost reduced
- Cost of Operation in control
- Micrological growth is in control



## Benefits of "इजाबते पाणी" In Compressor



- Increase Compressor Efficiency
- Maintain compressor life Span
- Reduced the Down Time
- Eliminate the Need of Chemicals
- Running time is in Uniform
- Avoid production loss

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# Advantages of इजाचे पाणी



## Benefits of "इजाचे पाणी" In Cream Separator

- Improves the Milk Standards
- Easy to Clean
- Quality of the Milk Improved
- Equipment Life & Efficiency Increased
- Avoid the Valuable Production Loss
- Less / Easy maintenance
- Reduce the Breakdown time



## Benefits of "इजाचे पाणी" In Fire Fighting Pump

- Formation of Scales Stops in the system
- Maintenance Cost & Time Reduced
- Reduce The Blockage Of Nozzle lockage & Pipe
- Equipment Life Increased
- Reduce the Breakdown time
- Less maintenance
- Reduce the Existing Scales



## Benefits of "इजाचे पाणी" In Raw Water Pumping



- Raw water Quality (Turbidity) Improves
- Flow Increases Slowly
- Pumps & Impellers Life Increased
- Save the energy
- Pipes Life Increased
- Reduces the Breakdown time
- Reduce the Existing Scales
- During Descaling Must Install Filters

## Benefits of "इजाचे पाणी" In R.O Plants

- Membrane Life Increased
- Better Flow Passage
- Reduce the Bio-Film Formation
- Reduces Stoppage/ Blocking
- Differential Pressure Maintain Good
- Save Energy
- Maintenance Cost & Time Reduces
- Equipment Life & Efficiency Increased



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# Existing Softner Vs स्वच्छ पाणी



**Application Example : Cooling Tower - Maintenance of the Cooling Tower : 25000 Lt Per Day**

Usage Material	Usage	Rs /-	Per Day Calculation In Rs /-	Usage And Maintaince of "Instant Solvent Softner"
Salt	100 Kgs	Rs @ 5/-	500	To Convert 25000 Lt / Hr Hard Water Rs @ 1,50,651/-
Power Usage	15 Units	Rs @ 7/-	105	
Maintance Cost 2 Mem	2 Members	Rs @ 700/-	1400	Total cost of the maintenance Per Day
Weast Water 3000 Lts	3000	Rs @ 0.7/- Lts	2100	
Other Chemicals	25000 Lts	Rs @ 0.05/- Lts	1250	Saving Payback = $\frac{\text{Total cost of the maintenance Per Day}}{\text{Cost of the product (ISS)}}$
Total Maintenance Per Day : 5355 /-				
Total Maintenance Per Month : 30 x 5355 = 1,60,650 /-				Considering Maximum Pay back period of water converter 06 Months to 1 Year
Total Maintenance Per Year : 12 x 1,60,650 = 19,27,800 /-				

**EXISTING SOFTNER**

Removes Essential Calcium And Magnesium and Macro Minerass of water

Adds Sodium to water which is highly harmful to Human

Recurring Expenditure on chemicals

Conditioning Monitoring And Maintenance

Will not Remove Already Deposited scales

Only Delays Scale Formation , But Scales are in Eitable.

Comparatively more power cosumption

Accumulate Some Residues

Wastage in Water (-120 Liters of 1000 Liters Delivered)

Very Slow Process of converting Hard water as soft water

May Not Be Green Product

No Removal of any such useful minerals of water

No Chemicals are Added or Used

No Recurring Expenditure ( Fit & Forgot )

No Maintenance is Required.

Removal the Existing Scales.

Never allows any scale formation for the life time

Very Negligible power

No Residues

No Wastage in Water

Instant Conversion of Hard water to Soft water

Eco - Friendly Product.

**स्वच्छ पाणी**

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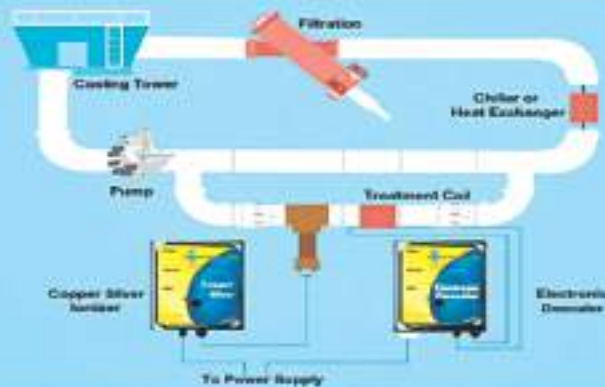


# Results Of इवाचे पाणी In Cement Industry



**M/S ULTRATECH CEMENT - KARNATAKA, INDIA**  
**MODEL NUMBER : PPTLISSSSFL30000**  
**FLOW-RATE: 300-460m<sup>3</sup>/Hr**

## THE PROGRESSIVE ENVIRO NON-CHEMICAL COOLING TOWER WATER TREATMENT SYSTEM



## Benefit Of "इवाचे पाणी"

1. Eliminate scaling in Heat Exchanger & Cooling System
2. Eliminate Consumption of Hazardous chemical for water treatment
3. Reduce Production Losses due to Stoppage of Raw Mill & Kiln
4. No Manual Interference / Errorless Working
5. Reduce Inventory of Heat Exchanger
6. Safe Environment & Human Safety

### BEFORE

1. In Past we were using hazardous Chemical for Cooling water treatment in Pyro Section. Which was unsafe and also there was manual interference.
2. Due to manual interference there was chance of error.
3. This system required continuous observation on water quality.
4. This process is routine process, so this is our regular expenditure

### AFTER

1. After installation of Instant Water Softener in Pyro Cooling water System, We don't need to treat water with Hazardous Chemicals.
2. This system is Automatic System, so there is zero chance of error.
3. There is no need to check water quality.
4. This is process is continuous but one time investment
5. Reduce inventory and manpower cost

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# Results Of इवाचोह पाानी In Diary



Before Installation Of “इवाचोह पाानी” Scales are formed very hardly and the time of cleaning takes 3 Days

After Installation Of “इवाचोह पाानी” the time taken to clean the equipment reduced to 3 Days to 1 Day



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# Results Of इजाचे पाणी In Pharma



**“Instant Solvent Softener” Installed at Condenser Inlet**



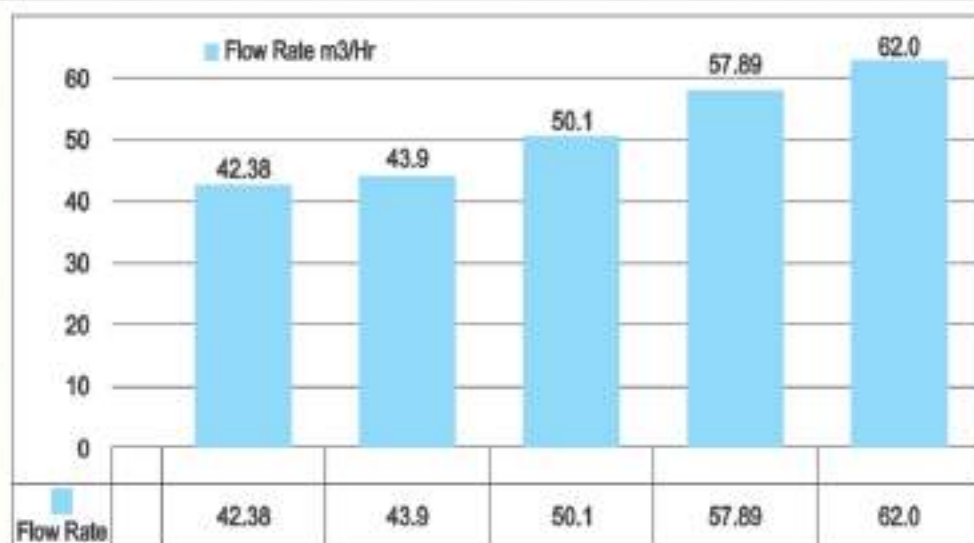
**Before I.S.S Installation**



**After I.S.S Installation**



Using the **“Instant Solvent Softener”** they get good results in few months. The man is cleaning the Cooling Tower area after descaling



**WATER FLOW RATE INCREASE**

A Pharma Plant Engineering Head is checking after the results



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# Results of इजाचे पाणी In Sugar Industry



## BENEFITS OF “ इजाचे पाणी ”

- Removes existing scales in due course of time.
- No scales for Life time.
- Suitable at all places wherever water is used in sugar industry
- Keeps cooling towers, piping and condensers clean and scale free
- Also keep distillery plants, DM plants and fermentation chamber from scales free
- No need for chemical, salt or acid for pipeline/valves to clean scales
- No maintenance, No Chemicals, No Power, No Residues & No water wastage
- Saves water, energy/fuel and money and increases life time of your equipment
- Instant conversion and Eco-Friendly product



## Results of “इजाचे पाणी”

**Before Converter**



**After Converter**



**Before Converter**



**After Converter**



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# Results Of इवाचे पाणी In Textile Industry



- \* Effective Humidification
- \* Preventing the Moisture Loss
- \* Nozzle Blockage is Stopped
- \* Reduce the Machine Down Time
- \* Productivity Increased
- \* Static Effect is in Control
- \* Reduce the Waving Efficiency
- \* Increase the Yarn Strength & Elasticity
- \* Reduce the Scaling Effect
- \* Reduce the Bacteria Formation
- \* White Dust formation is stopped
- \* Equipment Life Increased
- \* Equipment efficiency increased
- \* Reduce the bleaching effect in Textile Industry
- \* Reduce the Caustic Soda & Other Additives



HUMIDIFIER **WITHOUT** इवाचे पाणी

HUMIDIFIER **WITH** इवाचे पाणी



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# Results Of इचको पाणी In Solar Industry



## BENEFITS OF INSTALLING AN I.S.S

- 1) Our Equipment's have proven overtime to reduce Downtime
- 2) No more heavy machinery needed to get rid of built up hard water scale
- 3) Reduction and usually elimination of chemicals uses to fight the already built up scale.
- 4) Almost minimal energy needed with the I.S.S products.
- 5) No more harm done to the environment with chemicals
- 6) Using minimal energy, & eliminating chemicals makes the इचको पाणी hard water treatment entirely Eco-Friendly & Green Product.
- 7) With the reduction of downtime elimination of heavy machinery & elimination of chemicals the system will be much more efficient & run at a higher level for longer period of time



**Before Converter**



**After Converter**



**Before Converter**



**After Converter**



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# Results Of इजाचे पाणी In Domestic Sector



- 01) Maintains clean BathTub, Taps, Shower & Walls
- 02) Whiter & Cloth washing with less detergent and more lather
- 03) Dish washers and washing machine remain clean and scale free
- 04) Stops scaling in piping, removes existing scales, improves water pressure
- 05) More water discharge for less energy consumption
- 06) Protects water heaters from corrosion and adds life to equipment

## Advantages In Domestic Sector

- 07) Never allow any salt encrustation on air conditions
- 08) I.S.S simply becomes part of your pipeline and can be fixed very easily without any modification alteration of the existing system
- 09) Since I.S.S is made with high quality stainless steel, it will not attract any rust, requires no maintenance and last for lifetime.
- 10) It is a hard water to soft water converter without softner

## DOMESTIC CLINT LIST

1. Praneeth Pranav Group
2. S LV Constructions
3. P N R Apartments
4. Balaji Apartments
5. Varalaxmi Constructions
6. V BR Estates
7. Silver Oaks
8. J K Reddy Associations
9. Padmashali Bhawan
10. Sheshadri Enclaves
11. Katakam Residence
12. Rajadhani Hotels
13. S.S Residency
14. Priya Builders
15. Shri Rama Construction
16. CDS Apartment
17. RTC Colony Association
18. Mr.Vidhya Sagar
19. Adithya Empark
20. Brindavan Heights
21. Sudha Ventures
22. Mr.Venu Gopal
23. Mr.Narasimha Rao
24. Solitary Apartments
25. Park Heavens
26. Subhishi Infra
27. Mr.Satyanarayana
28. Sirisha Residency
29. Tripura Villa
30. Mr. Giri
31. Land Mark Infra
32. AV Constructions
33. Sri Venkateshwara Homes
34. Mr.Manmadha Reddy
35. Mr.Krishna
36. Mr. Srinivas
37. Srirama Villas
38. Mr Anand
39. Mr.Rama Raju
40. Minarva Residency
41. Kondapaneni Towers
42. Janani Residency
43. Mr.Suresh
44. Mr.Jai prakash
45. Mr Rajendra Bajaj
46. Mr.Ramesh Raju
47. Pallavi Apartment
48. Subhishi Windsor
49. Vista Homes
50. Mr.Sanjay
51. Sri Hari Enclaves
52. Sai Manasa Apartment
53. Mr.Varma
54. Mr.Srikanth
55. Mr.Srikanth
56. Mr.Prasad
57. Mr Srinivas
58. Mr.K Jagadesh Reddy
59. Mr.Suresh
60. Mr.Sanjay Sharmai



Taps are getting blocked and formed the white scales on the Taps



Showers are blocked due to Scales



The pipes are blocked due to scaling then the time of water flow increased



Heating Coils are getting Scales & the Heating time increased



In Geysers the tubes are getting scales and the efficiency of the geyser decreased



Reduce the flow of water due to formation of scales  
Due to scales formation the tiles loss their quality and shine



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# Results of इवचहे पाणी In Agriculture Sector



*Increases yield by 25 to 40%*

*Less fertilizer, water and nutrients required*

*Fast & deep penetration (directly to root zone) and decrease water requirement by 15 to 40%*

*Removes existing scales & never allow scales in drip/micro irrigation pipeline / nozzles for life time*

*Saving in three valuables (water, energy /fuel and money)*

*Greener, healthier and robust crop growth with fast and smooth water flow*

*Reduce leaf burn and improves the yield*

*Algae free and clean water storage tanks and pipelines*

*Easy to install without any alteration to existing pipeline*

*No maintenance (fit & forget)*

*No need for any chemical, salt or acids for scaling problem*

*One time investment for life time profits*

*Breaks up soil clods and retain soil moisture for longer periods*

*Results revealed that water flow would be faster with this converter*

*Due to improved permeability, unwanted salts that are previously accumulated around the root zone & soil are flushed and do not reform*



Tobacco Leaf Length Before Converter



Pomegranate Before Converter



Grape Garden Before Converter



Drip Nozzle Before Converter



Tobacco Leaf Length After Converter



Pomegranate After Converter



Grape Garden After Converter

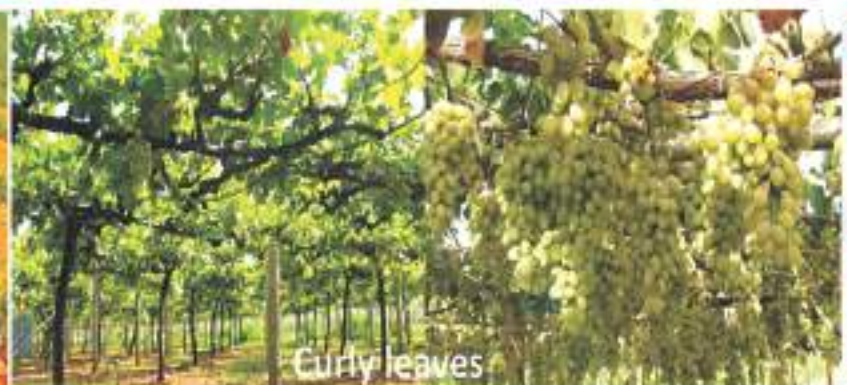


Drip Nozzle After Converter



Without Converter

With Converter



Curly leaves

SHOWERS

GEYSORS

TAPS

PIPES

TILES



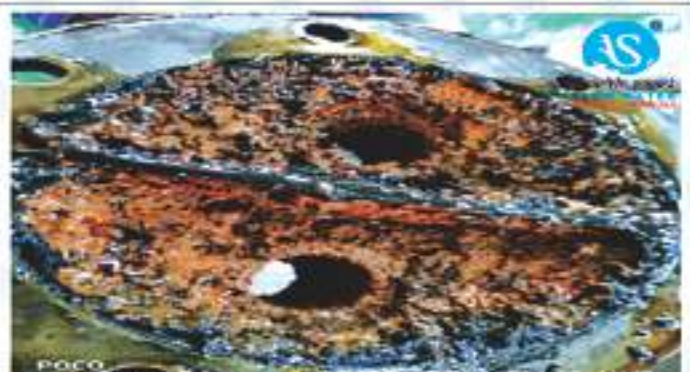
# Results of इजाचेत पाणी



Before installation At Heat Exchanger



After installation At Heat Exchanger



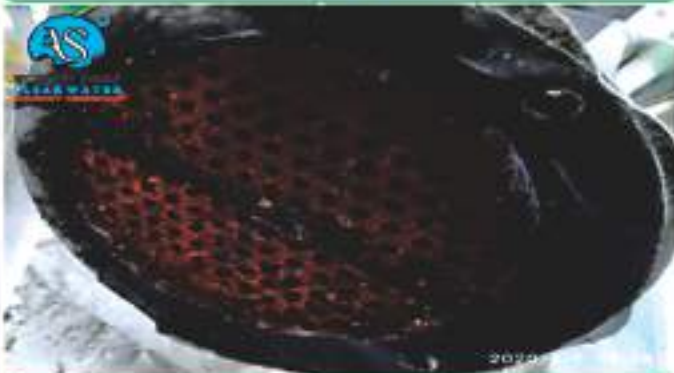
Before installation At Heat Exchanger



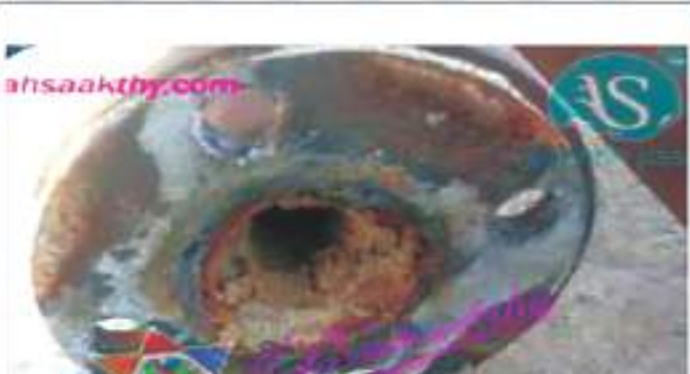
After installation At Heat Exchanger



Before installation At Heat Exchanger



After installation At Heat Exchanger



Before installation At Cooling Tower



After installation At Cooling Tower

CEMENT INDUSTRIES

OIL REFINERIES

AIR COMPRESSORS

COOLING TOWERS

CONDENSERS

# Change Of Turbidity



**TURBIDITY** : Turbidity is the cloudiness or haziness of fluid caused by large number of individual particles which are not visible for naked eyes, similar to naked eyes. By using our product "Instant solvent softener" , Significant changes in Micron Level of water Molecule can be seen the parameter.



Water Turbidity Changes :Without Using chemicals, without any wastage of water ,Physical properties will change



**BEFORE**



**AFTER**

CEMENT INDUSTRIES

OIL REFINERIES

AIR COMPRESSORS

COOLING TOWERS

CONDENSERS

# Some Of Our Testimonials



RC/PUR/VE/18-19  
Date: 29.07.2019



Vendor Code :407591  
PARAHSAKTHY POWER TECHNOLOGIES PVT  
H.NO> 1-10-28/232/110,LANE NO:6,SHIVA SAI  
NAGAR,KUSHAIGUDA,ECIL,  
HYDERABAD  
HYDERABAD - 500062  
INDIA  
Phone :9100966014  
Fax :  
Email :SALESANDSERVICE@PARAHSAKTHY.COM

Sub: Vendor Performance Appraisal From 01.04.2018 to 31.03.2019

Dear Sir(s),

In connection to our efforts to keep our regular vendors informed about their performance and to highlight such area where improvement is needed, we are intimating you about your performance as vendor for above said period.

Period	Category	Overall Rating	Area for Improvement / Suggestions
01.04.2018 to 31.03.2019	A	100.00	Very Good performance. Keep it up.

Please find enclosed out detailed work sheet for the above said period.

Thanking You,

Yours faithfully  
For (UNIT: RAJASHREE CEMENT WORKS)

(VIJAYKUMAR ULLIGADDA)  
GENERAL MANAGER-MATERIALS

**ULTRATECH CEMENT LIMITED**  
(UNIT: RAJASHREE CEMENT WORKS)  
,ADITYA NAGAR , MALKHED ROAD,KARNATAKA-585292,INDIA  
TEL: 08441-288888 FAX: 08441-288402

Regd Off : Ahura Centre , 2nd Floor , B Wing , Mahakali Caves Road , Andheri(east) ,  
Mumbai-400093. Cin :L26940mh2000plc128420

CEMENT INDUSTRIES

OIL REFINERIES

AIR COMPRESSORS

COOLING TOWERS

CONDENSERS

# Some Of Our Testimonials



WK/PUR/VE/19-20  
Date: 13.06.2020

Vendor Code :407591  
PARAHSAKTHY POWER TECHNOLOGIES PVT  
LTD  
H.NO> 1-10-28/232/110,LANE NO:6,SHIVA SAI  
NAGAR,KU'SHAIGUDA,ECIL  
HYDERABAD  
HYDERABAD - 500062  
INDIA  
Phone :9100966014  
Fax :  
Email :SALESANDSERVICE@PARAHSAKTHY.COM

Sub: Vendor Performance Appraisal From 01.04.2019 to 31.03.2020

Dear Sir(s),

In connection to our efforts to keep our regular vendors informed about their performance and to highlight such area where improvement is needed, we are intimating you about your performance as vendor for above said period.

Period	Category	Overall Rating	Area for Improvement / Suggestions
01.04.2019 to 31.03.2020	A	97.00	Very Good performance. Keep it up.

Please find enclosed out detailed work sheet for the above said period.

Thanking You,

Yours faithfully  
For (UNIT: WANAKBORI CEMENT WORKS)

(HEMANT PATEL)  
ASTT. MANAGER, F&C

# Some Of Our Testimonials



**THE RAMCO CEMENTS LIMITED**

(formerly known as Madras Cements Ltd.)



Ramamoney Raja Nagar - 525457  
Jaggayyapet Mandal, Krishna District,  
Andhra Pradesh, India  
Phone: 08634 22400-00  
Fax: 08634-222332  
E-mail: mcljpr@ramcocements.co.in

November 19, 2014

## TO WHOM SO EVER IT MAY CONCERN

THIS IS TO CERTIFY THAT WE ARE IN USE OF "NANO CATALYTIC INSTANT WATER CONVERTER" AT OUR JAYANTHIPURAM & KOLAGHAT FACTORIES WHICH IS MANUFACTURED, SUPPLIED AND INSTALLED BY M/S. PARHSAKTHY POWER TECHNOLOGIES PRIVATE LIMITED, HYDERABAD.

THIS IS IN LINE AND CUSTOMISED EQUIPMENT, WHICH WILL FIXED AT SOURCE LOCATION OF BORE OUT LET OR SUMP OUT LET AND BEING COMMISSIONED TO OUR RAMCO PLANTS IN VARIOUS PLACES IN THE APPLICATIONS AREAS LIKE PLANT UTILITY, C.T ,COMPRESSORS,COOLING TOWERS,POWER PLANT ETC FOR THE PURPOSE OF PREVENTION OF SCALES AND ALEGAEY IN WATER PIPE LINES,NOZZLES,FILTERS,R.O MEMBRANE,PUMP IMPELLERS,AIR COMPRESSOR COOLING SYSTEMS,CEMENT MILL SPRAY NOZZLES WHICH IS FORMED DURING THE FLOW OF HARD WATER.

AFTER THE INSTALLATION OF "NANO CATALYTIC INSTANT WATER CONVERTOR" WE HAD FOUND RESULTS MORE OF SAVING THE WATER RESOURCES AND REDUCED THE COST OF MAINTANENCE TO OUR EQUIPEMENTS, ALSO "NCIWC" HAS CHANGED THE TASTE OF HARD WATER PROBLEMS AT OUTPUT AND MADE TO USEFUL WATER AND INCREASED THE LIFE OF INDUSTRIES GADGETS LIKE FILTERS, HEAT EXCHANGERS ETC.

WE FOUND THE PERFORMANCE RESULT OF THE "NANO CATALYTIC INSTANT WATER CONVERTOR" IS SATISFIED TO THE VARIOUS APPLICATIONS. ALSO, HAPPY TO RECOMMEND THE SAME FOR MFG INDUSTRIES TO UTILISE THE "NCIWC" AND GET SAVE MORE OF ENERGY & RESOURCES.

WE WISH M/S. PARHSAKTHY POWER TECHNOLOGIES PRIVATE LIMITED, HYDERABAD TO GET ALL SUCCESSES AND TO REDUCE HASSELS IN MAINTENANCE OF EQUIPEMENTS IN WATER CIRCUITS.

FOR THE RAMCO CEMENTS LIMITED

**P.B. GOPALA KRISHNA**

**PRESIDENT-MFG**

Registered Office: "Nanamandram", Rajapalayam - 626 117, Tamil Nadu,  
Corporate Office: "Auras Corporate Centre", V Floor, 5B - A, Dr. Radhakrishnan Road, Mylapore, Chennai - 600 004, Tel: 29478666, Fax: 29478676  
Factories: Ramamoney Raja Nagar (Post) - 626 204, Vinuthunagar Dist, Tamil Nadu, Ph: 04562 - 256201, 256202, 256203, 256214, 256241, Fax: 04562 - 256258 Alathiyur Works - Cement Nagar (Post) - 621 730, Parambatur Dist., Tamil Nadu. Ph: 04329 - 248305, 248306, 248322 to 248324, Fax: 04329 - 248303

CEMENT INDUSTRIES

OIL REFINERIES

AIR COMPRESSORS

COOLING TOWERS

CONDENSERS

# Some Of Our Testimonials



## Creamline Dairy Products Ltd.

An ISO 22000 Certified Company  
 SURVEY NO. 547, IDA UPPAL, UPPAL, HYDERABAD - 500 039  
 PH : +91-40-27200113, 27200114, FAX : +91-40-27200177  
 E-mail : jersey@creamlinedairy.com, Website : www.creamlinedairy.com  
 CIN : U15201TG1999PLC006512

### TO WHO SOEVER IT MAY CONCERN

We have been using product Manufactured by Parashakti Power Technologies(Pvt)Ltd Hyderabad **INSTANT SOLVENT SOFTENER ANTI SCALING EQUIPMENT of CREAM SEPARATOR**, We found the product . purposeful in descaling and also preventing further scaling by which we have saved our time and Money in Maintaining the plant

We are satisfied with the product performance and the results.

  
 K.RAMESH BABU  
 AGM-MAINT  
 CELL: 9160217774



## ENCON PROJECT NO. 18 / 2015 - 16



### Installation of Nano Converter(ICIWC) for prevention of water scaling & reduction of water softening



Commissioned Year	2015
Units savings per day	2.5 KWH
First year Units savings	0.009 Lakhs KWh
Investment	Rs 1.06 Lakhs
First year Cost savings	Rs 0.06 Lakhs

The Nano-converter (Instant Clean Innovative Water Converter) a patented product was installed at water inlet pipeline of EVAPCO condenser to avoid water scales and algae on condenser media. Due to this measure softening process avoided for evapco make up water.

With this measure saved electrical energy of 2.5 KWH per day.

*Bring Home Health & Happiness*

CEMENT INDUSTRIES

OIL REFINERIES

AIR COMPRESSORS

COOLING TOWERS

CONDENSERS

# Some Of Our Testimonials



Sri Manmoola Ramo Vijayathe

Sri Guru Rajo Vijayathe  
Grams: "RAYARU"  
Phone: 040-2703 9146



## MANTRALAYAM SRI RAGHAVENDRA SWAMY MATH

Branch : RAMANTHAPUR, Hyderabad

3-12-33 H/C, Ganesh Nagar, Ramanthapur, Hyderabad - 500 013.

Ref:

Date : .....

13-11-17

### SATISFACTORY CERTIFICATE LETTER

To whom so ever it may concern

THIS IS TO CERTIFY THAT M/S PARAHSAKTHY POWER TECHNOLOGIES (PVT) LTD KUSHAIGUDA HAVE INSTALED INSTANT SOLVENT SOFTNER AT OUR RAGHAVENDRA MATTAM RAMANANTHPUR HYDERABAD BRANCH.

WE HAVE BEEN USING THIS SYTEM FOR THE PAST 2 YEARS AND FOUND TO BE VERY USEFUL IN CONVERTING HARD WATER TO SOFT WATER . ALL OUR DEVOTIES ARE GLAD TO USE THIS WATER BECAUSE OF SOFTNESS AND WITH OUT SALT CONTENT & ALGAE .WE ENJOY THE QUALITY OF WATER AFTER USING THIS "INSTANT SOLVENT SOFTNER" MANUFACTURED BY THE ABOVE COMPANY

WE EXPRESS OUR FULL SATISFACTION USING THIS INSTANT SOLVENT SOFTNER WITH OUT MAINTANCE COST . WE HAVE ALREADY RECOMMENDED TO OTHER MATTAMS ALSO & WISH TO RECOMMAND TO ALL OUR BRANCHES ACROSS.

FOR RAGHAVENDRA MATTAM

RAMANTHAPUR BRANCH

(AUTH TO SIGN.)

MANAGER

RAGHAVENDRA SWAMY MATH

OFFICIAL SEAL & RUBBER STAMP

Ganesh Nagar,  
Ramanthapur, Hyderabad - 500 013.

CEMENT INDUSTRIES

OIL REFINERIES

AIR COMPRESSORS

COOLING TOWERS

CONDENSERS

### TEST REPORT

**Name & Address Of Customer:**  
Ms. Supranava Solitary Apartments  
Kondapur,  
C/o. Parashakti Power Technologies (P) Ltd  
Hyderabad.

**Sample Description:** Water  
**Quantity Received :** 1 Lit

**Lab Ref No:** VIS-5425&5426/2018  
**Reporting Date:** 12/07/2018  
**Sample Received On:** 11/07/2018  
**Customer Ref:** Verbal  
**Sample Condition:** Found Ok  
**Sample drawn By:** Client

**Analysis Started On:** 11/07/2018  
**Analysis Completed On:** 12/07/2018  
**Test Specifications:** IS: 10506:2012

### TEST RESULTS

Sl.No.	Characteristic	Test method	Before Converter	After Converter	Limits
1.	pH Value	IS:1025(part-1):11	7.35	7.12	6.50 - 9.00
2.	Total suspended Solids, mg/l	IS:1025(part-1):11	12.6	6.6	N/A
3.	Turbidity, NTU	IS:1025(part-1):11	2.60	<1.00	< 1.0
4.	Colour (Hazen Units)	IS:1025(part-1):11	2.00	1.00	< 05
5.	Odour	IS:1025(part-1):11	objecturable	Unobjecturable	Unobjecturable
6.	Taste	IS:1025(part-1):11	Non-Agreeable	Agreeable	Agreeable
7.	Total Alkalinity as CaCO <sub>3</sub> , mg/l	IS:1025(part-2):11	420	184	< 200

**Note:**  
1. This report is valid for the tested sample(s) only.  
2. Test report shall not be reproduced except in full & with written approval of VISTA LABS  
3. This report should not be used for advertising / public purpose.  
4. Total Number Of Tests: SEVEN Only  
5. As per the above test results the after Converter water values are within the limits



Checked By:   
Authorized Signatory

### TEST REPORT

**Name & Address Of Customer:**  
Ms. Aditya Empress Park  
Shahdapat,  
C/o. Parashakti Power Technologies (P) Ltd.  
Kondapur,  
Sample Description: Water

**Sample Sent By:** Client  
**Quantity Received:** 1 Lit X Uno  
**Analysis Started On:** 03/07/2020  
**Analysis Completed On:** 03/07/2020

### TEST RESULTS

Sl. No.	Characteristics Physical & Chemical	Test method	Before water	After water	Requirement (Acceptable Limit)
1.	pH Value at 25°C	IS:1025(part-1):11-2006, IS: 1017	6.86	7.44	6.50 - 8.50
2.	Total suspended Solids, mg/l	IS:1025(part-1):11-2006, IS: 1017	4.80	< 1.00	Not Specified
3.	Turbidity, NTU	IS:1025(part-1):11-2006, IS: 1017	2.80	< 1.00	< 1.0
4.	Total Alkalinity as CaCO <sub>3</sub> , mg/l	IS:1025(part-2):11-2006, IS: 1017	488	188	< 200
5.	Colour (Hazen Unit)	IS:1025(part-1):11-2006, IS: 1017	4.00	< 2.00	< 05
6.	Odour	IS:1025(part-1):11-2006, IS: 1017	Non-Agreeable	Agreeable	Agreeable
7.	Taste	IS:1025(part-1):11-2006, IS: 1017	Non-Agreeable	Agreeable	Agreeable

**Note:**  
1. This report is valid for the tested sample(s) only.  
2. Test report shall not be reproduced except in full & with written approval of VISTA LABS  
3. This report should not be used for advertising / public purpose.  
4. Total Number Of Tests: SEVEN Only  
5. Lab will reanalyze the samples, if samples for 15 days after the report has been issued.



Checked By:   
Authorized Signatory

VIS-LAB-F/047  
# 4-F-6, Plot No. 103 & 104, Surya Towers, Adj. ANR Gardens, HMT Nagar, Hyderabad, Hyderabad-500 076  
Ph. 042-27172815, 42210001, E-mail: vistalabs@ yahoo.co.in, vistalabs1034@gmail.com



# Specifications Of “इच्छते पाणी”



Model No	Size in mm	Size in Inch	I.S.S Length	Flow Lts/Hr	Flow m3/Hr
PPTLISSSTR01500	15	0.6	350	1630	1.6
PPTLISSSTR02000	20	0.8	550	3400	3.4
PPTLISSSTR02500	25	1.0	550	6700	6.7
PPTLISSSFL03200	32	1.3	460	12500	12.5
PPTLISSSFL04000	40	1.6	460	18000	18.9
PPTLISSSFL05000	50	2.0	460	28000	28.0
PPTLISSSFL06500	65	2.6	690	47700	47.7
PPTLISSSFL07500	75	3.0	690	68700	68.7
PPTLISSSFL09000	90	3.6	770	83700	83.7
PPTLISSSFL10000	100	4.0	770	94500	94.5
PPTLISSSFL12500	125	5.0	880	142000	142.0
PPTLISSSFL15000	150	6.0	1050	180000	180.0
PPTLISSSFL20000	200	8.0	1250	220000	220.0
PPTLISSSFL25000	250	10.0	1650	350000	350.0
PPTLISSSFL30000	300	12.0	2200	480000	480.0
PPTLISSSFL35000	350	14.0		610000	610.0
PPTLISSSFL40000	400	16.0		780000	780.0

CEMENT INDUSTRIES

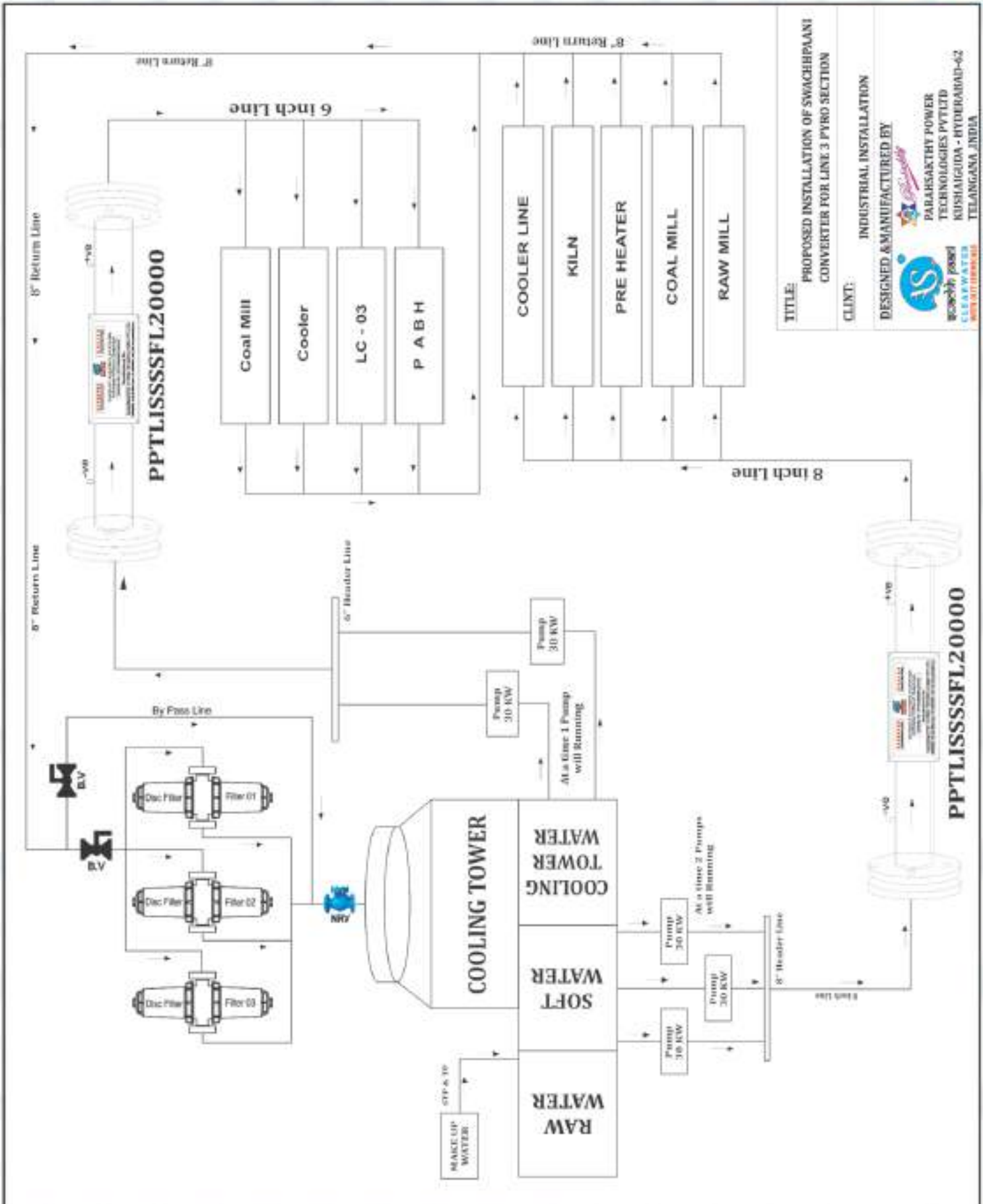
OIL REFINERIES

AIR COMPRESSORS

COOLING TOWERS

CONDENSERS

# Installation Diagram For Industry



**TITLE:** PROPOSED INSTALLATION OF SWACHHPAANI CONVERTER FOR LINE 3 PVRO SECTION

**CLIENT:** INDUSTRIAL INSTALLATION

**DESIGNED & MANUFACTURED BY:** PARASAKTHY POWER TECHNOLOGIES PVT LTD  
KUSHAIGUDA - HYDERABAD-52  
TELANGANA, INDIA

HEAT EXCHANGERS

CHILLING PLANT

AIR COMPRESSORS

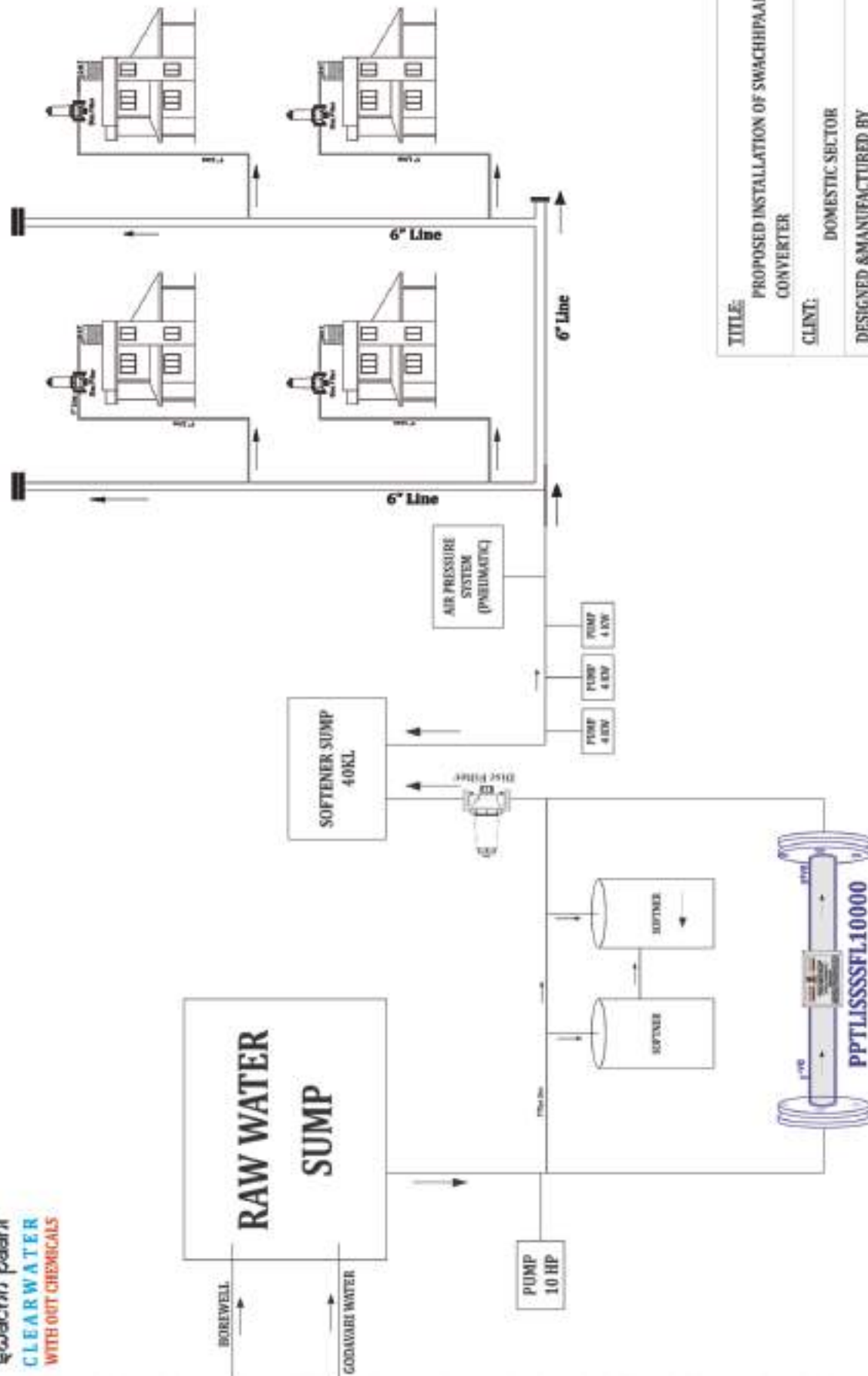
COOLING TOWERS

CONDENSERS

# Installation Diagram For Domestic



## PROPOSED INSTALLATION OF SWACHHPAANI CONVERTER



**TITLE:** PROPOSED INSTALLATION OF SWACHHPAANI CONVERTER

**CLIENT:** DOMESTIC SECTOR  
DESIGNED & MANUFACTURED BY

  
 swachh paani  
 CLEAR WATER  
 WITH OUT CHEMICALS  
 PARAISKATHY POWER TECHNOLOGIES  
 PVT LTD  
 KUSHAMGUDA - HYDERABAD - 62  
 TELANGANA , INDIA

CEMENT INDUSTRIES

OIL REFINERIES

AIR COMPRESSORS

COOLING TOWERS

CONDENSERS



**Contact Us**

- [info@parahsakthy.com](mailto:info@parahsakthy.com)
- [salesandservice@parahsakthy.com](mailto:salesandservice@parahsakthy.com)
- +91 - 9100966002 / 003 / 019 / 014
- +91 - 40 - 27140678
- [www.parahsakthy.com](http://www.parahsakthy.com)

