

SRI VENKATESWARA ENGINEERS



CHENNAI:

PUDUCHERRY:

INDONESIA:

SINGAPORE:

DUBAI:



Registered Office:-

Plot No. 1, Thirupathi Kodai Road, Athipet,
Ambattur, Chennai – 600 058. Tamil Nadu, India.

www.srivenkateswaraengineers.com/srivenkateswaraengineers@gmail.com

+91 99409 50054/044-3552 5842/+91 98849 55054, 56054, 57054



Who we **Are?**



CEO Speak

We are sure you will agree that today's business growth in this challenging economic period, wide involvement, challenging decision and team spirit with latest technology is major role to spread over the company.

With such business growth in the pipeline integrating and infrastructure can be nightmare. **M/s. Sri Venkateswara Engineers** is upcoming company with you, to reach your task at cost effective. **SVE** has catered for varying needs of business with its product portfolio like Electrical – 11KV HT breaker Panels, MCC Panels, PCC Panels, Feeder Panels, Star/Delta, DOL Panels, VFD&PLC Based automation panels, IOT & Cloud technology, Manufacturing All type of LED Lights, Solar Lights, Flame Proof Lights, Mechatronics, Electrical Vehicles with a special focus on Energy Management, Ewon-Remote Transmission Panels, Automated Movable Racking system with complete fool proof automation and our interior decorators and designers prepare turnkey packages and provide entire project management support, from procurement, budget management to delivery and installation.

SVE's offering cost effective solution with minimum hassles.

This profile of **SVE** will present you with the entire details to make a decision to choose **SVE** for the looking products. To know more details Contact us or visit us at www.srivenkateswaraengineers.com or send mail to us at srivenkateswaraengineers@gmail.com

Looking forward for Business Relationship.

Yours Sincerely,
A. John Paul
Proprietor



About us

SRI VENKATESWARA ENGINEERS



- ❖ Manufacturers of Electrical Panels, MCC Panels, Starter and VFD Panels, Fire Panel Automation Panels, Undertake Panel Termination and Cable Tray, Cable Laying & Erection work.
- ❖ **INOVANCE** LT & MV VFD Sales, Spares & Service, PLC,HMI & SERVO Systems, Robotic and EV drives.
- ❖ **ABB, DANFOSS, L&T, SCHNEIDER** (LT & MV VFD) And **VACON** VFD sales and services.
- ❖ **SVE-HUAKUN/SVE-SINEXCEL-** ACTIVE HARMONIC FILTER, PASSIVE FILTER,SVG, APFC- Automatic Power Factor Control Panel.
- ❖ Lightning Arrestor, Earthing system
- ❖ SVE—LED Lights (Indoor and Outdoor type)
- ❖ Retrofit work & AMC for Electrical Panels and VFD's.

ABOUT US

One of the Leading Panel Manufacturer, Power Quality Analyzer, LED Lighting & Electrical Contractor

What we DO?

- We do Electrical, DOL, S/D, MCC, PCC, ACB, VCB, Soft Starters, VFD, Control Automation & Special Purpose Panels based on customer requirement.

We do Power quality analysis also, Give solution for APFC, PASSIVE FILTER and ACTIVE HARMONIC FILTER and PCB Board Servicing for VFD's & Special Purpose Machines.

- We do Automation for all type of Plants & Industries
- We do Erection, Testing & Commissioning of Panels, Laying of Cable Trays, Cables, Earthing, Lightning Arrester, Building Services etc.,
- We do Erection, Testing & Commissioning of Panels, Laying of Cable Trays, Cables, Earthing, Lightning Arrester, Building Services etc.,
- We do PLC, SCADA Networking for Plants & Industries
- We are Authorized Distributer for INOVANCE VFD, PLC, HMI, SERVO MOTOR & DRIVE Etc.,



ISO 9001:2015

Otabu

Certificate of Registration

SRI VENKATESWARA ENGINEERS

PLOT NO.1, TOWER LINE, TIRUPATHI KODAI ROAD, ATHIPET,
AMBATTUR, CHENNAI - 600 058, INDIA

has been assessed and Certified by Otabu Certification Pvt. Ltd.
as meeting the requirements of:

ISO 9001:2015

Quality Management System

For the following scope of activities:

DESIGN, MANUFACTURING AND TESTING OF LT & HT PANELS & MCC, MFC, APCC, VFD, AHF, SVG, AUTOMATION PANELS, THE DESIGN OF FIRE DETECTION, SECURITY SYSTEMS, MANUFACTURING OF FIRE PANELS, SUPPLY & INSTALLATION OF VFD, VFD SERVICE & COMMISSIONING & PLANT ELECTRICAL MAINTENANCE, MANUFACTURING OF VARIOUS LED, SOLAR STREET LIGHTS, SUPPLY AND ERECTION OF LIGHTNING ARRESTOR

Issue No :	01	Revision No () :	N/A
Date of Certification:	19 March 2022	2nd Surveillance Date:	18 March 2024
1st Surveillance Due:	18 March 2023	Certificate Expiry:	18 March 2025

(Added to the following Certifications as per the required standards)

Certificate No:- 0319Q130122
To Verify this Certificate please visit at www.otabucert.com

INDIAN ASSOCIATION OF
IAF
FIREFIGHTER ENGINEERS

Engineering Accreditation Council
EGAC
ACCREDITED

Otabu
CERTIFICATION PRIVATE LIMITED

Dr. Anita Gupta
(Managing Director)

*Validity of the certificate is subject to successful completion of surveillance audit on or before due date (in case surveillance audit is not allowed to be conducted, this certificate must be surrendered/renewed). This Certificate of Registration remains the Property of Otabu Certification Pvt. Ltd. and shall be returned immediately upon request.

Otabu Certification Pvt. Ltd., RZ-4 (Ground Floor), Prem Nagar, Udhum Nagar, New Delhi-110059 (India).

Email:- info@otabucert.com website:- www.otabucert.com

APPRECIATION LETTER-IAF

INDIAN AIR FORCE

CERTIFICATE OF APPRECIATION

INDIGENISATION WEEK : 26 Feb - 01 Mar 24

This certificate is awarded to Mr. *Shri Shankteshwara Engineering* for the continued support extended towards 8 Base Repair Depot, Air Force Station, Anadi for achieving Self-Reliance through Indigenisation.

(Abdus Khatun Jha)
Group Captain
Senior Production Engineer (Indigenisation)

(Thomas Chacko)
Group Captain
Chief of Production & Planning

(Amandeep Sharma)
Group Captain
Commanding Officer



OURAMAZING TEAM

MANAGEMENT TEAM



**ADMIN
MANAGER**

G.SWAPNA



**FINANCE
MANAGER**

J.VERONIE



**MARKETING
MANAGER**

D.PALANI



**BUSINESSDEVELOPMENT
MANAGER**

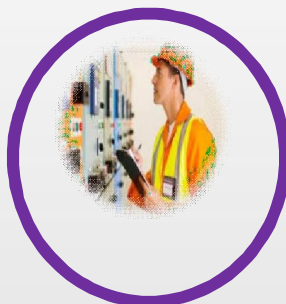
**ANUSUYA
T.LOGANATHAN**

ENGINEERING TEAM



**PROJECT
MANAGER**

**R.ABDUL
RAFIK/PREETHI**



**PRODUCTION
MANAGER**

J. BASKER



**AUTOMATION
ENGINEER**

YUVARAJ



**COMMISSIONING
ENGINEER**

RAVI



OUR MISSION



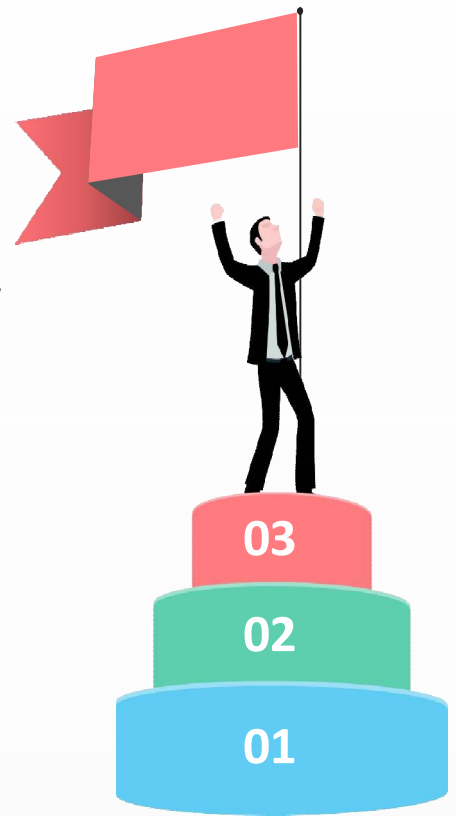
Provide Power saving solutions, Electrical Panels Compact and High tech standard method, automations for simple technologies and services with the highest quality.



Upgrade ourselves with the latest in technology and hence, ensure that we provide effective solutions to our clients.



Maintain the existing long term relationships with the clients and also forge new ones with new clients.



QUALITYRELIABILITY

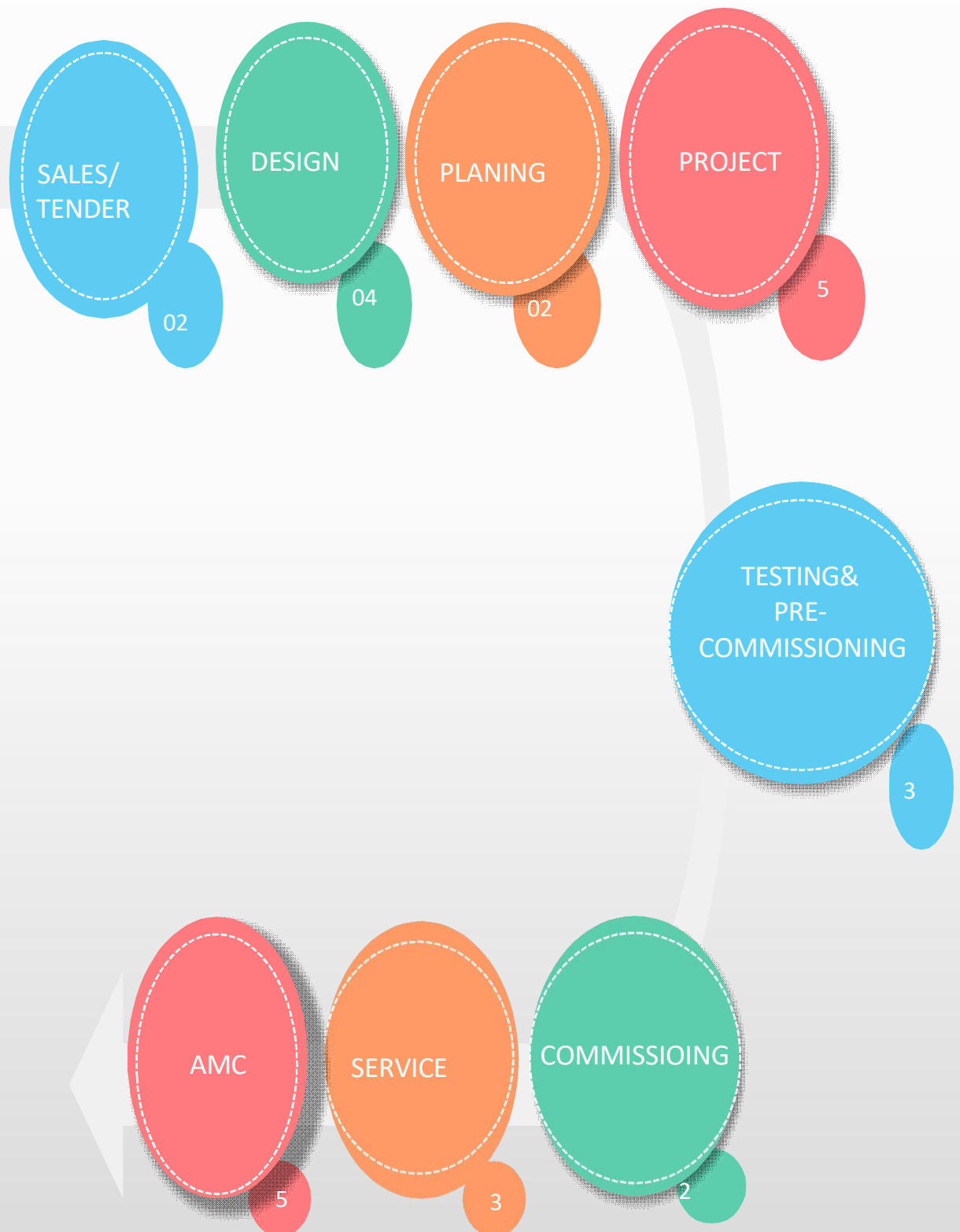
CUSTOMERSATISFACTION

ON-TIMECOMPLETION

SYSTEMATIC&PROFESSIONAL A
PPROACH



Our Process



PROJECT PLANNING



OUR PRODUCTS

Our portfolio spans the complete range of industrial automation products including AC drives, servo drives & motors, PLCs & HMIs, motion control, CNCs, and industrial robots



ABB, DANFOSS & VACON, FUJI, INOVANCE, SCHNEIDER & HUA KUN



LIGHTNING ARRESTER AND EARTHING



Lightning Arrester



Lightning Counter



Earthing



Pitting



LED Light



DB Wiring



Earth Pipe



Earth Resistance



Lightning



Bracing

SVE LED LIGHTS



LED BATTEN LIGHTS & BULBS



LED STREET LIGHTS



WELL GLASS LIGHTS



WEATHER PROOF LIGHT



SPECIAL PRODUCTS



FUNCTION LIGHTS



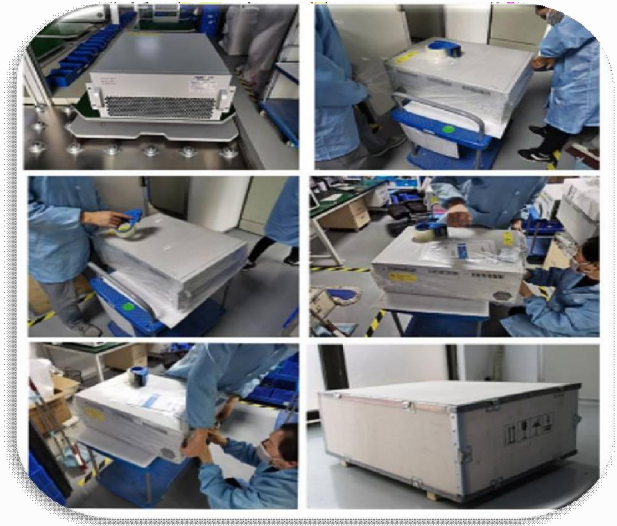
LED SPOT LIGHTS



HUAKUN-ACTIVE HARMONIC FILTER (AHF)



HUAKUN-AHF



PACKAGE



INSIDE AHF



AHF WITH CABINET



Solution for Active Harmonic Filter

What Is Active Harmonic Filter?

Active harmonic filters (AHF)/Active Power filter (APF) are typically stand-alone devices that reduce the high levels of harmonics produced by energy efficient non-linear loads.

They work by injecting harmonics in to the electrical system in equal and opposite measure to the existing system harmonics.

As previously mentioned, harmonic filters are used to eliminate harmonic distortion caused by excess currents in and out of appliances. It can prevent large quantities of harmonics from causing damage to equipment, downtime of operation, and preventing an increase in operating costs.

Solution for Improved Power Factor?

Why Improved Power Factor?

When the power factor is below 1.0 or unity, the electrical efficiency of the system decreases forcing the utility to supply more apparent power than necessary.

Utilities can pass on the resulting costs to the industrial users as power factor penalties and high utility bills.

Issues caused by low power factor may include:

- ◆ Poor system performance.
- ◆ High energy costs.
- ◆ Electric surcharges.
- ◆ Harmful environmental impacts.
- ◆ The cost of poor Power Quality has a much greater impact than just on the electricity bill.





Efficient for Ecology
"eHVAC"



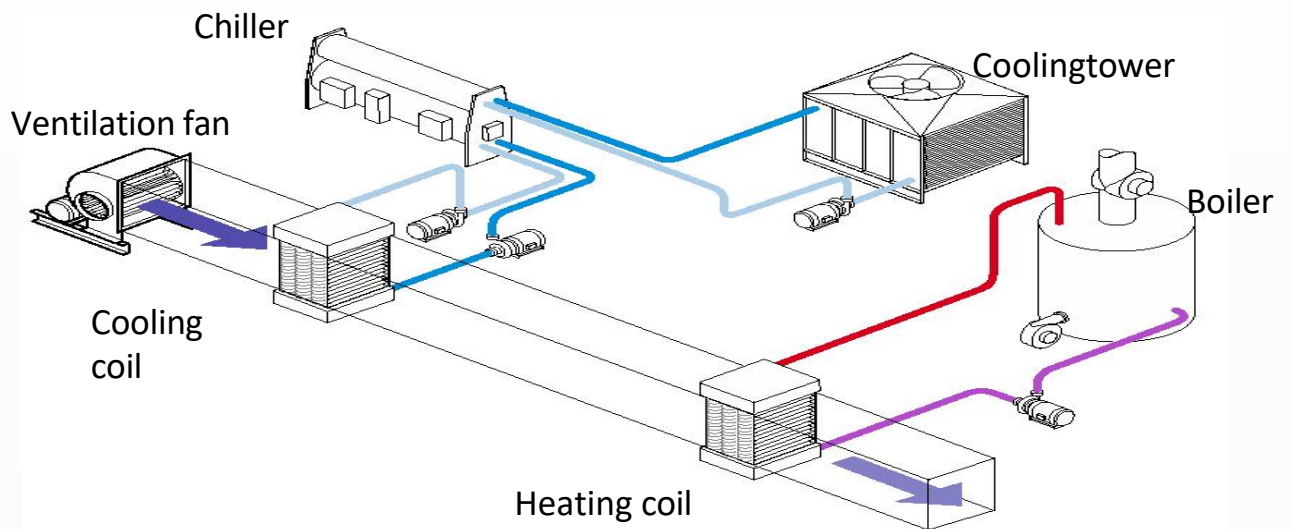
HVAC & Fire Systems

We introduce one more milestone in **Sri Venkateswara Engineers** Era, in **HVAC & Fire field**, headed by **Mr.A.JohnPaul-CEO**, who is professional in electrical and in Air Conditioning, has four decades of experience in the relevant field predominantly in gulf countries & in India and keen to utilize his vast experience in giving quality services in the field of installation and maintenance of air conditioning utilities. Our specialization includes selection of the machine, installation, and maintenance.

We are one of the upcoming MEP Design Consultancy & Services, based in Chennai and have a support team which has substantial quality experience in MEP Design & Projects.

We design, equipment selection, supply, project Execution and take up services of any volume of **HVAC & FIRE** project which can be looked as a turnkey project.

HVAC SYSTEM



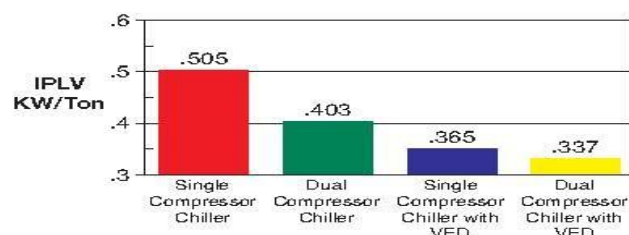
CHILLER-COMPRESSOR

Reduce Your Chiller's Energy Usage Up to 30% by Adding a VFD

A centrifugal chiller is typically the single largest consumer of energy in a building. You can reduce your chiller's energy usage by installing a solid state variable frequency drive (VFD). Coupled with the latest MicroTech II® unit controller, a VFD allows your centrifugal chiller to achieve the most efficient part load performance possible by accurately matching the chiller's motor performance to the actual cooling load requirement.

Since most chillers operate at part load 99% of the time, your energy savings with a VFD can be significant, up to 30% annually. Additionally, a VFD may qualify for local utility rebates for even more savings.

The improvement in part load performance on McQuay single and dual compressor chillers with variable frequency drives is shown below.



McQuay single and dual compressor centrifugal chillers are ultra-efficient with variable frequency drives.



Improved Reliability

The "soft start" provided by a VFD results in less stress on compressor motor, gears and electrical components than a traditional Wye-Delta or solid state motor starter. Superior protection of the compressor motor can result in improved reliability and longer equipment life.

Can Your Chiller Benefit from Adding a VFD?

- Motor must be compatible with VFD
- Entering condenser water temperature relief for the condenser is required
- McQuay centrifugal chiller must have MicroTech® or MicroTech II controls (MicroTech II controllers are available for retrofit on all McQuay centrifugal chillers.)

Engineered, Turnkey Installation

McQuay Factory Service can provide a complete evaluation of your centrifugal chiller, including estimated energy savings for your chiller. We can provide expert engineering and turnkey installation to help the VFD retrofit go smoothly and quickly.



Optimum Control for HVAC Facilities

Cooling Tower Fan

The cooling tower fan is used to cool the heat of cooling water by emitting it into the air. The fan speed is adjusted optimally according to the cooling water temperature at the outlet. Moreover, the inverter estimates the wet-bulb temperature automatically to control the fan so that the temperature of cooling water (wet bulb) is interlocked to the air temperature. (Wet-bulb temperature presumption control)



Cooling Water Pump

The cooling water pump circulates the cooling water to the cooling tower in order to cool the heat generated by the Refrigeration machine. The pump speed is adjusted optimally according to the temperature and flow rate of cooling water. Moreover, the inverter can control the cooling pump so that the difference of cooling water temperature at between the inlet and outlet becomes always constant. (Temperature difference constant control)



Chilled Water Pump

The chilled water pump circulates the chilled water generated with the Refrigeration machine to the air conditioner and fan coil. The pump speed is adjusted optimally according to the header pressure. Moreover, the pump conveyance pressure can be controlled to proper value by converting the flow rate signal to the target pressure using the linearization function. (Linearization function)



Supply AHU/Return fan

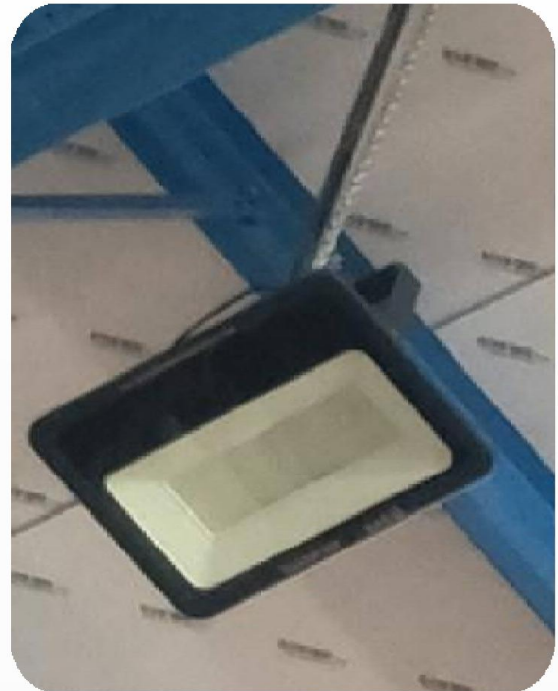
The speed of supply and return fans is adjusted optimally according to the pressure, discharge temperature, room temperature, and others. Moreover, the highest level of carbon dioxide is selected automatically by detecting the level in room to control it to stay within the allowable level.



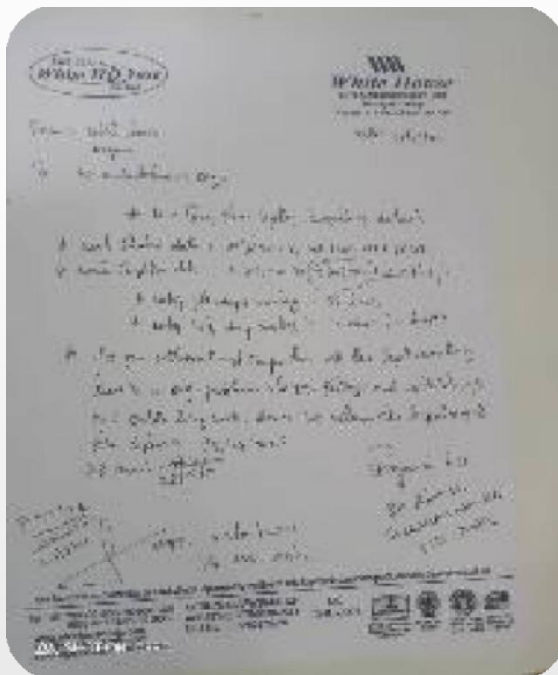
ERECTION OF LED LIGHT & CABLE TRAY



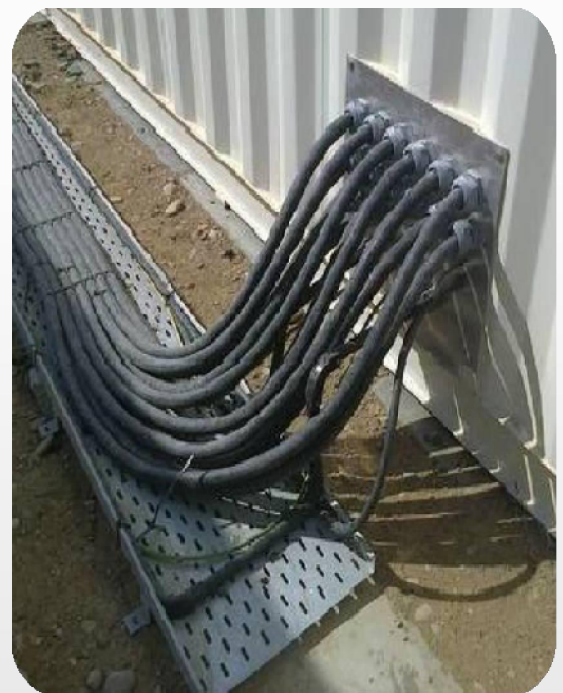
LED LITE & CABLE TRAY FIXING



LED LIGHT



Completion Certificate



CABLE TRAY



LED LIGHT FIXING

HEALTH, SAFETY & ENVIRONMENTAL



- We the management of SVE is committed to and understands that the safety and health of our employee is one of the utmost important elements. SVE is committed to provide and maintain a safe and healthy work environment and to promote safe work practices in its entire operational and work execution process.
- The management shall generate continuous efforts for the improvement and prevention of occupational accidents, through setting of measurable means to review and monitor the performance periodically in order to ensure the effectiveness of the safety management system.
- As the MD of SVE, I accept and undertake the ultimate responsibility of the implementation of the health, safety, environment & quality policy in the organization.
- We will communicate and encourage and support the management of HSE and Quality in SVE via Manager, Engineer and Supervisors throughout the organization.

COMMISSIONING & SERVICE

Check List Points	Remarks	Status
•Check the Environment •Check the panel & Drive mounting - Physical •Checking of the panel •Checked with drawing •Check BOM with Drawing •Check the continuity of control & Power wiring •Check Panel wiring tightness •Check Panel, Motor & Drive earthling •Check the shield earthling of controls Are the control wire clamping is ok •Check the power cable size as per in GA •Check the driver and Motor ratings - Earthling cable size is ok(50% of power cable)Measure the input supply of panel Programmed as per Customer Application Enable required protections •Check the logic as per drawing •Do Auto tune the motor using Motor ID Parameter •Check the No-Load test & Monitor value •Check the Full Load test & Monitor value Take service info from drive •Give parameter backup to customer Make the MOM copy& Time sheet •Handover the corrected final drawing to customer		

ENGINEER

CUSTOMER

SIGNATURE:

SIGNATURE:



CHILLER PANEL ERECTION PROJECT



CHENNAI INTERNATIONAL AIRPORT-2000T
CHILLER VFD PANEL ANDERECTION-2SETS-VOLTAS
& CHETTINAD HOSPITAL@ CHN – 350 TR X 5 NOS
AIRPORT@ CHN – 250TR X 3 NOS
DLF Ltd @ CHN – AHU PERIODIC
MAINTENANCE Old AIRPORT@CHN–
RETROFITWORK
AGSTHEATER@CHN–CHILLER VFD
(2COMP RUNS WITH 1 VFD)

COMPLETED



APL SCHOOL@CHN– 200 TR X 2 NOS
NORTON@CHN–AHUVFDPERIODIC
MAINTENANCE

ONGOING

CHILLER PANEL WORK AT NTT GLOBAL SITE- CHENNAI



PANEL MANUFACTURING, ERECTION, TESTING AND COMMISSIONING

AIRPORT CABLE TRAY



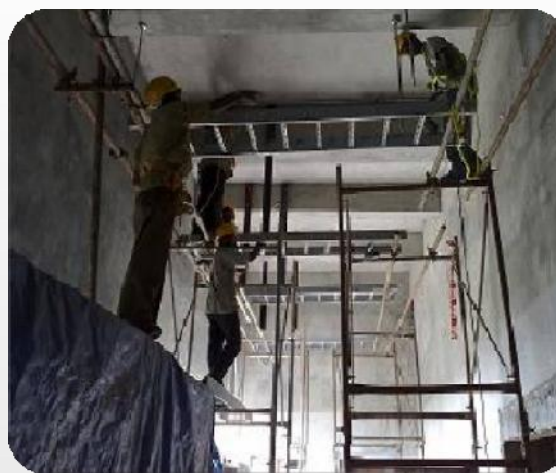
TEXTILES-NAGARI



PCC&MCC PANEL



CABLE TRAY-WTP-KERALA



OWN BUILT ELECTRICAL PRODUCTS



MCC&PCC PANEL



CHILLER VFD PANEL



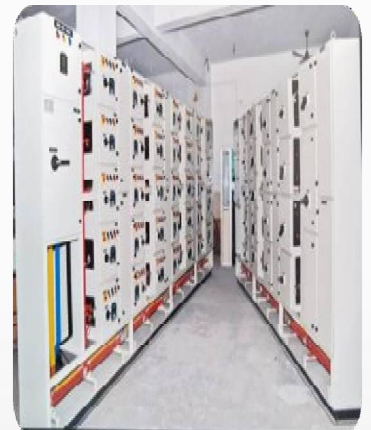
IP66 OUT DOOR PANEL



PUMP PANEL



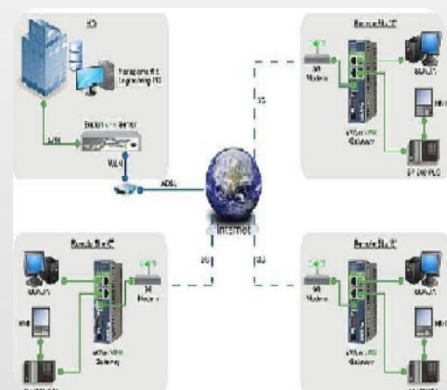
METERING PANEL



MCC&PCC PANEL



ACB PANEL



**RTU & MONITORING
SYSTEM PANEL**

RUNNING PROJECTS

ENNORE KAMARAJAR PORT LIMITED-DESALINATION PLANT

MCC Panel



200KVAR APFC Panel



MCC PANEL ERECTION



VFD Panel



PCC Panel



SHASUN PHARMA-CUDDALORE



ISABELLA HOSPITAL-CHENNAI



KAVERY MEDICAL CENTRE-TRICHY



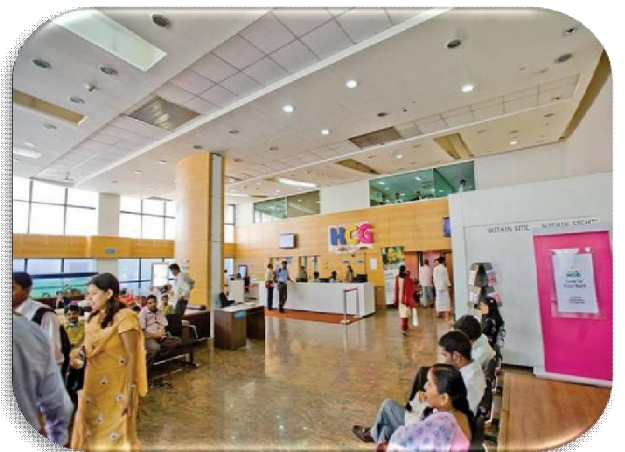
SRM HOSPITAL-CHENNAI



CHETTINAD HOSPITAL-CHENNAI



EXPRESS AVENUE-CHENNAI



INDIAN AIRFORCE-AVADI-CHENNAI



CMC HOSPITALS-VELLORE





COMPLETED PROJECTS-HOTEL

AIRPORT VFD PANEL-TRICHY



POTHYS-CHENNAI



APL GLOBAL SCHOOL-CHENNAI



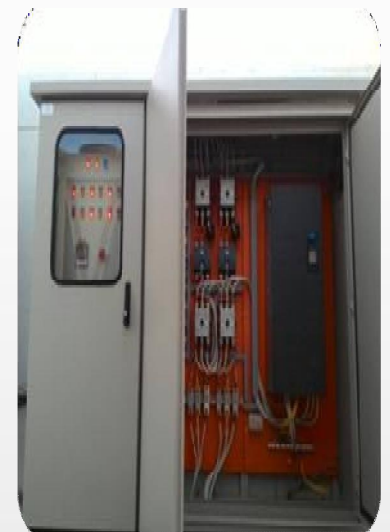
CHENNAI-AIRPORT



MARUTHI CEMENTS-TRICHY



AGS CHILLER VFD PANEL



HOTEL RADHA



TAJ HOTEL-CHENNAI



COMPLETED PROJECTS

**INDIAN AIR FORCE-
CHENNAI**



**APL SCHOOL, COOLING
TOWER - CHENNAI**



**BRIGHT BROTHERS, INJECTION
MODELING MACHINES
SERVO SYSTEM - PONDY**



**RENAULD NISSAN
(KANAECH)**



**KUDANKULAM AUTOMIC
POWER STATION, VFD & PLC
BASED PUMP**



**SOLARA ACTIVE PHARMA,
COODALUR**



SHASUN-CUDDALORE



**HINDUSTAN PETRO CHEMICALS-
KARNATAKA**



TYRERE-TREADING AUTOMATION PANELS



SS CONTROL PANEL



VOLTAS CHILLER APPLICATION:- AGS THEATRE 132KW TWO
COMPRESSORS CONTROLLED BY ONE VFD WITH STAR/DELTA BYPASS-
2016 (132KW INOVANCE MD290 -295A)



ORISSA WATER BOARD-75KW INOVANCE VFD,PLC&HMI



**132KW INOVANCE VFD-
RST CRUSHER-
GUMMUDIPOONDI**



RAMCO-CEMENTS



**160KW INOVANCE VFD WITH
BYPASS – VSI CRUSHER-
UTHIRAMERUR-CHEMGALPET**



OUR PROJECTS

**INDIAN AIR FORCE-
CHENNAI**



**TYRE RETREATING PANEL-
ANDHRA**



**HINDUSTAN PETRO
CHEMICAL KARNATAKA**



**JAYATV-VFD WITH AUTOMATION
PANEL**



**BRIGHT BROTHERS,INJECTION
MOULDING MACHINE-PONDY**



**RENAULD NISSAN
(KANAECH)**



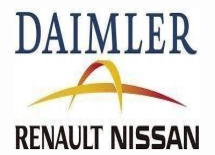
**STRIDES SHASUN-AHU
VFD PANEL**



SHASUN-CUDDALORE



OUR CLIENTS



RENAULT NISSAN



Cognizant



C R NARAYANA RAO



HYUNDAI ENGINEERING PLASTICS



Member ITC's hotel group



HOTELS & RESORTS



CIVIL CONSTRUCTION | INFRA | TURNKEY FITOUT



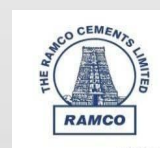
Just What You Needed.



Active Pharma Sciences



PRIVILEGE ASSOCIATES PRIVATE LIMITED



Applying Thought



An ISO-9001 : 2008 Certified Company



SRI VENKATESWARA ENGINEERS

Thank
you



Registered & Factory Address:-

Plot No.1, TOWER LINE,
TIRUPATHI KODAI ROAD,
ATHIPET, AMBATTUR,
CHENNAI – 600 058.

Mobile:-+91 99409 50054/
+91 98849 550054, 56054, 57054

Land Line:- 044- 3552 5842

YES WE ARE HERE ALWAYS WITH YOU
(SVE)

