



AQUA CHILL
You'll never lose your cool

Our Journey:

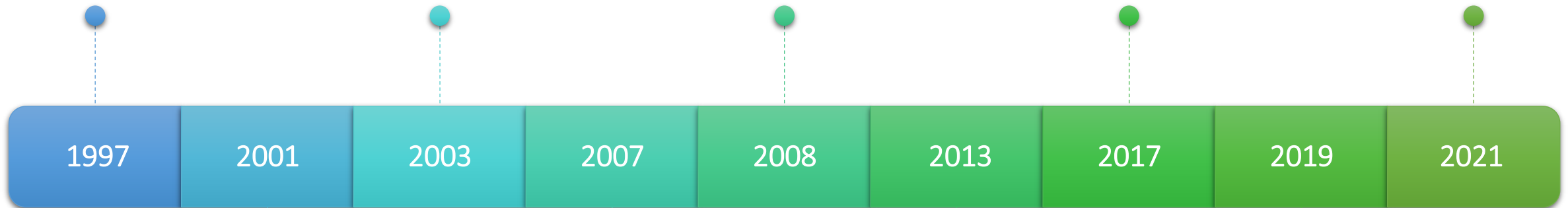
Started as Thermax
Service Franchise

First Big Order In HVAC
Vertical from Cadbury

Implementation of SAP
& ISO 900 certification

Rs. 15 Cr. Order from
Bekaert

Order Booking worth
of Rs. 100 Cr.

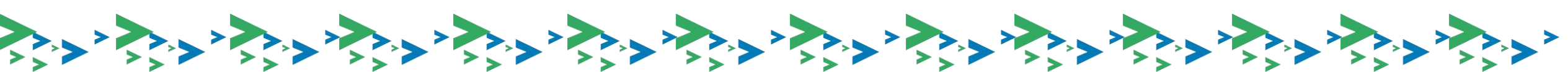


Alliance with Air
Conditioning major
Hitachi

Another milestone
order from GM Motors

Diversification in GT
Inlet Air Cooling

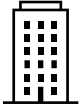
Rs. 50 Cr. Annual
Revenue & Brand
Reformation



Overview:



- Established in 1997, exclusively focused on : Air Conditioning & Ventilation, Process Cooling ,CHPC Architecture & GT Inlet Cooling. Successfully completed 300+ projects globally.



- Headquartered in Pune- India, having executed projects across India and in international markets with a strong team of over 170 skilled resource.



- Excellent track record of impeccable site-safety and fast-track project delivery.



- Order book of over INR Rs. 100 Cr in FY2021-22. Revenue FY 2021-22 : Rs. 45.26 Cr.



- ISO-9001:2015 certified



- Awarded with “Active Customer-Engagement Award” by Confederation of Indian Industry.





BRITANNIA INDUSTRIES LIMITED
Certificate Of Appreciation
 This certificate is presented to
AQUACHILL & SYSTEM INDIA PVT. LTD.
 In recognition towards your valuable contribution and being a part in performing and maintaining safety standards in
 the site of Britannia Industries Limited, Maharashtra Project for achieving the milestone of
5 MILLION
SAFE MAN HOURS
 28th August 2017 TO 21st August - 2021

Customer 24x7

ASHRAE presents the Certificate of Appreciation to
Mr Gajanan Khot, USGBC LEED AP

For his contribution in the field of sustainable design and construction in the industry.

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Safety Certificate

It is with great honor and admiration that we present to
Tin Gen Energy Design Pvt. Ltd. such this
 Certificate of Safety for completing
 million man-hours without accident
 for the construction of
 "New Pak, Phase II" project at WEDC, Changanassery.

Thank you!
 WEDC make a difference.



CII
 Confederation of Indian Industry

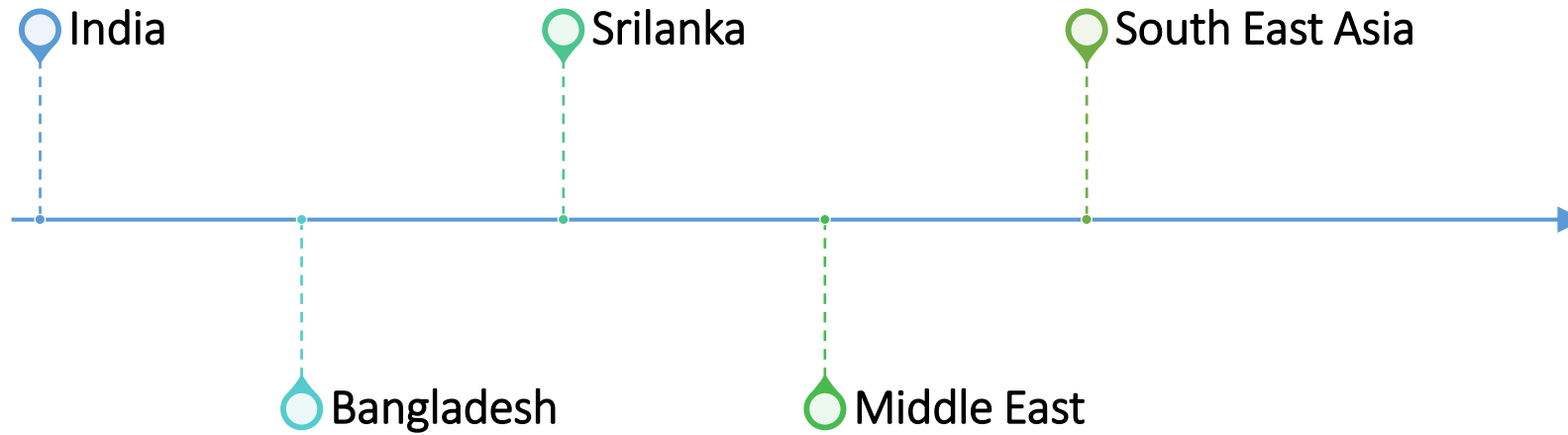
2021 CUSTOMER OBSESSION AWARD

Presented to
AQUA CHILL SYSTEMS INDIA PVT. LTD.
 Recognized for Active Customer Engagement

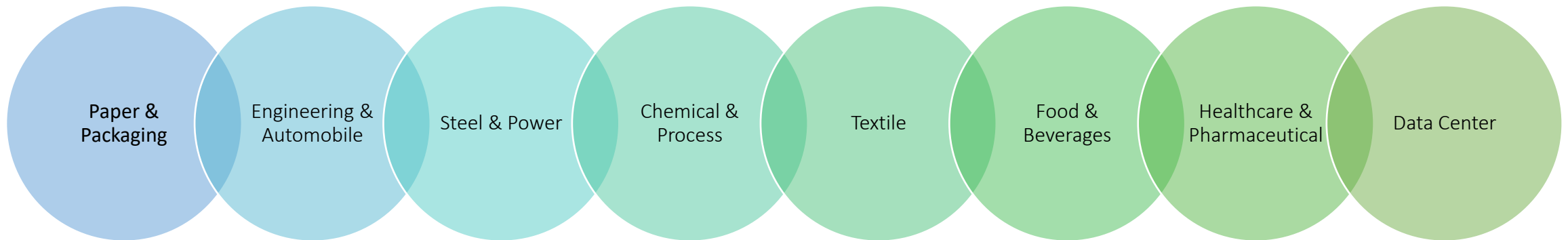
Powered by
amazon



Geography



Industrial Segment



On Time Delivery:



Consultants we have worked with:



TATA CONSULTING ENGINEERS LIMITED



Our Key Accounts:



Our Customer Keep Coming Back to Us for their New Requirements Due To Our Quality, Safety Records, On-Time Delivery and Unmatched Performance.

- 40% Repeat Orders**
- Confidence & Trust of our Customers on us**

Our Repeat Customers:



Compliance:

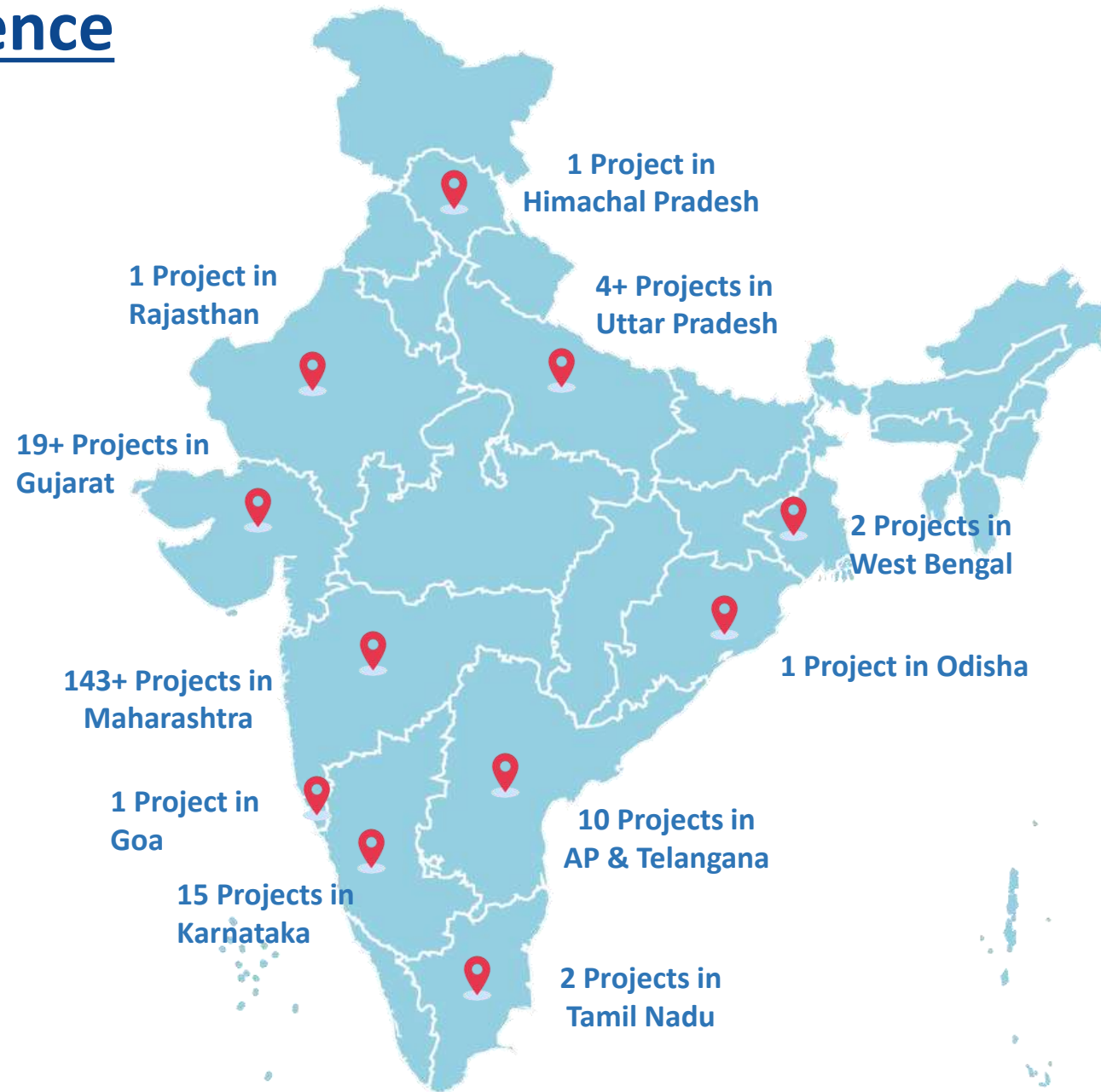
ASHRAE	ISHRAE	USGBC	ISO
<ul style="list-style-type: none"> ASHRAE is an American professional association seeking to advance heating, ventilation, air conditioning and refrigeration systems design and construction. ASHRAE has more than 57,000 members in more than 132 countries worldwide. 	<ul style="list-style-type: none"> ISHRAE The Indian Society of Heating, Refrigerating and Air Conditioning Engineers (ISHRAE), was founded in 1981 at New Delhi by a group of eminent HVAC&R professionals. ISHRAE today has more than 14000 HVAC&R professionals as members. 	<ul style="list-style-type: none"> USGBC is best known for its development of the Leadership in Energy and Environmental Design (LEED) green building rating systems and its annual Greenbuild International Conference and Expo, the world's largest conference and expo dedicated to green building. 	<ul style="list-style-type: none"> The International Organization for Standardization is an international standard development organization composed of representatives from the national standards organizations of member countries.

Business Enablers:

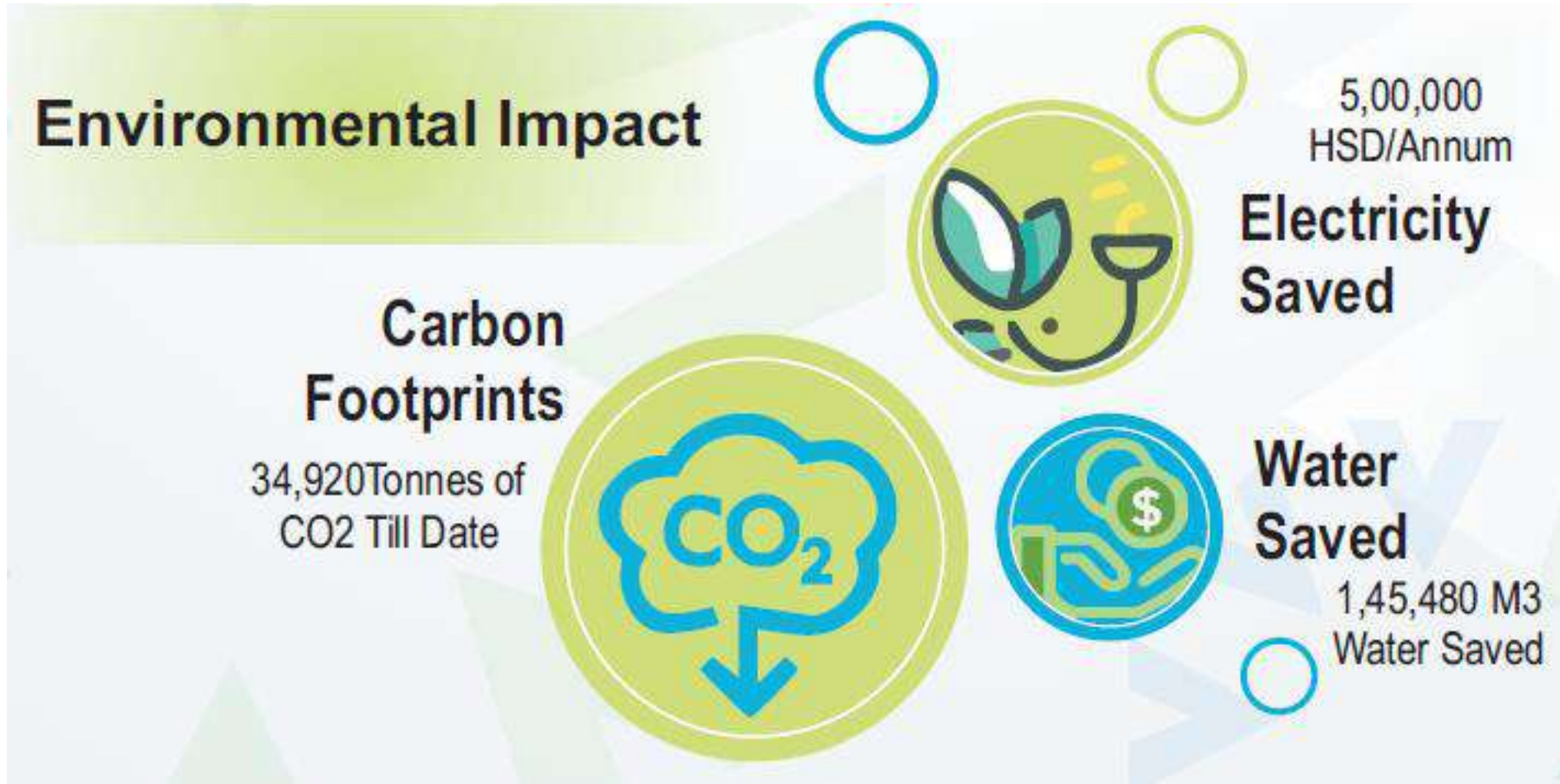
Enterprise Resource Planning	MS Project	TLC
<ul style="list-style-type: none"> SAP CRM To collect, store, manage, and interpret data from many business activities 	<ul style="list-style-type: none"> To assist a project manager in developing a schedule, assigning resources to tasks, tracking progress, managing the budget, and analysing workloads. 	<ul style="list-style-type: none"> The Teaching Learning Community, popularly known as TLC. The concept of TLC is to derive dramatic results in areas of leadership, strategy, financial results, employee pride, customer success and social responsibility.



Pan India Presence



Caring for Environment





-Projects-



Food & Beverages Industry



Project at Milky Mist



Location: Erode, Tamil Nadu

Capacity: 350 TR

Operational Year: 2018

Scope of Work: Air Conditioning & Ventilation

Details: The scope of work includes Design, Engineering, Supply, Inspection, testing, erection and commissioning of Insulated chilled water piping, Floor Mounted Air Handling Units, AHU Valve Station complete with Butterfly Valves - 6 No, 3 Way modulating Valve with Actuator & Room thermostat to sense inside temperature.



Food & Beverages Industry



Project at ID Fresh



Location: Bangalore

Capacity: 500 TR

Operational Year: 2019

Scope of Work: Air Conditioning

Details: The 500 TR air conditioning and process cooling for worlds largest batter production facility with air cooled chillers, heat exchangers , air handling units and related SS ducting and air distribution systems.

Kitchen exhaust systems for paratha production facility with 250 Degree fire rated SISW fans and Kitchen exhaust hoods.



Engineering & Automobile Industry



Project at John Deere

Location: Pune

Capacity: 3,60,000 CFM

Operational Year: 2019

Scope of Work: Ventilation

Challenge: Aqua Chill tied up with John Deere for delivering the ventilation system of 102263.04 sq. ft. ACS has delivered a total 3,60,000 of CFM of ventilation for their manufacturing facility in Pune. Customer has appreciated our installation work for the factory Powder Coated Spiral Ducting & Two Stage Evaporative cooling unit.





Engineering & Automobile Industry

@ BEKAERT

better together



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Project at Bekaert

Location: Pune

Capacity: 9,50,000 CFM

Operational Year: 2018

Scope of Work: Ventilation System

Details: The entire ventilation system was designed, sourced, transported, installed and commissioned by Aqua Chill Systems. There is evaporative cooling unit (single/double stage), axial fan, HVLS fans, ventilation fans, roof extract fans, smoke/ fire dampers, FRP Ducting consists of factory-fabricated ducting with reinforcement / stiffeners complete with supports, GI bolts and nuts, self-adhesive foam gasket tape for air-tight flange connection etc.



Paper & Packaging Industry



PAPERBOARDS
AND
SPECIALTY
PAPERS DIVISION



Project at ITC Paperboards & Speciality Paper Division

Location: Bhadrachalam, Telangana

Capacity: 600 TR

Operational Year: 2017

Scope of Work: Air Conditioning & Process Cooling

Details: The primary chilled water pumping systems are sized to cater system flow and pressure. The shell and tube heat exchanger were used for process cooling. The condenser water pumps, cooling towers and water piping are designed and installed to provide flexible operation and energy savings.



Paper & Packaging Industry



Project at PAHARPUR 3P- BOPET LINE

Location: Sri City, Andhra Pradesh
Capacity: 200 TR
Operational Year: 2022

Scope of Work: Air Conditioning & Ventilation

Details: The Packing and Poly plant area with Water cooled chilled water system with Spot cooling. First Floor office with VRF system (variable refrigerant flow) and QA&QC Lab, Canteen, Security & Lobby, Cool Room and Security building with energy efficient inverter type DX system for human comfort. Raw material storage, Kitchen, Toilet, Locker room and substation building shall be proposed for Mechanical ventilation system.



Packaging Industry



PARAKH AGRO



Project at PARAKH AGRO

Location: Kurkumbh, Maharashtra

Capacity: 150 TR

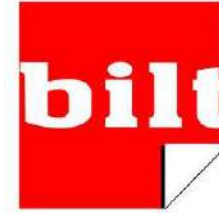
Operational Year: 2015

Scope of Work: Air Conditioning & Ventilation

Details: Air Conditioning work for printing, lamination and slitting area with 150 TR air cooled chiller and air handling unit, round ducting and jet nozzles for spot cooling and Electrical work. Air conditioning UPS, Battery and Control Room.



Paper & Packaging Industry



Project at Bilt

Location: Bilt

Capacity: 300 TR

Operational Year: 2010

Scope of Work: Air Conditioning

Details: Aqua Chill extensively worked with the project team of BILT to understand, optimize and design the most appropriate system for the new mill. A Chilled Water based Air Conditioning System of 300 TR capacity was finalized. The entire HVAC system was designed, sourced, transported, installed and commissioned by us.



Steel & Power Industry



Project at JSW Steel

Location: Dolvi

Capacity: 1100 TR

Operational Year: 2021

Scope of Work: Air Conditioning

Details: This project was to supply cooling air for control room, office area, canteen area and electric panel room air conditioning system being a very critical application.

This cooling requirement was delivered through Piping work of 3058 rmt, duct insulation of 8500 sqmt, cabling of 8400 rmt, earthing work of 3400 rmt, cable trays of 900 rmt respectively.

This project also included installation and commissioning of 4- Daikin chillers of 500 TR each. We have covered all bases to provide 4- Cooling Tower of 500 TR, 8-pumps, 30 numbers of AHU's, 9- Electrical Panels, etc.





Steel & Power Industry



Project at Abul Khair Steel



Location: Bangladesh

Capacity: 400 TR

Operational Year: 2016

Scope of Work: Air Conditioning



Challenge: Steam, the driving heat source for the chillers, is sourced from the waste heat recovery boiler. The flue gas heat otherwise was getting emitted into the atmosphere. The vapour absorption chillers provide chilled water at 7°C and the same is used for air conditioning approx. 50,000 sqft. area comprising switchgear and control rooms at their captive power plant of a total capacity of 60 MW.



Healthcare Industry



Project at Kimberley Clark

Location: Sanaswadi, Pune

Capacity: 1200 TR

Operational Year: 2021

Scope of Work: Air Conditioning

Details: For condenser water circuit, there is normally a constraint of having insufficient NPSH for the pumps and of water spilling over from the tower in case of stopping of plant. To address this, it is necessary to install cooling towers at certain height with reference to the centre line of the pump set. Same was done here in this project.





Textile Industry

Project at JM Fabrics, Bangladesh

Location: Bangladesh

Capacity: 200 TR

Operational Year: 2018

Scope of Work: Air Conditioning

Details: Aqua Chill successfully supplied, installed and commissioned gas engine jacket water-driven vapour absorption chiller of 200 TR. Gas Engine jacket hot water is the driving heat source for the chiller. Engine jacket water needs to dissipate heat in the environment for maintaining engine performance, that waste heat is recovered from the engine and provided to vapour absorption chiller.



Chemical Industry



L'ORÉAL
PARIS

Project at L'Oréal



Location: Pune

Capacity: 600 TR

Operational Year: 2013

Scope of Work: Air Conditioning & Process Cooling

Details: L'Oréal needed a combined solution of process cooling and air conditioning for their manufacturing plant. It was a challenge to get the solution for balancing the varying process and air conditioning load. Also, the desired system should meet the norms of Green Building design requirements for energy efficiency and operation.

Aqua chill worked out an innovative solution with Closed-Loop Cooling Tower supplemented with Adiabatic pads. This resulted in 90% of water-saving as compared to wet cooling towers & saving of more than 5,00,000 Units per annum as compared to the conventional cooling tower.





PTFE PLANT, ADC LAB WAREHOUSE AND UTILITY BUILDING

Location: Dahej , Gujarat

Capacity: 800 TR

Operational Year: Ongoing project

Scope of Work: Clean Room Application, Ventilation and VRF Systems.

Details: For the clean room application temperature to be maintained 10+/-2 Deg C and RH NMT 40 %. Filtration Class 10,000.

For the ADC Lab warehouse area ventilation with 14 ACPH

For the utility building the AHU with DX condensing Unit



A large green chevron graphic pointing to the right, located in the top-left corner of the slide.

-Execution Methodology-

Safety Monitoring -Lifting Plan



Duct Plenum Lifting



Erection of MS Structure



Shifting of Electrical Panel



Job Specific Training - Visual Reference

Twice in the week Job Specific Training Conducted to all workmen's and staff on different topics.



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Acknowledgement of Safety Orientation



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**6th *Bry-Air*® Awards for
Excellence in HVAC&R
2010-2011**

CERTIFICATE OF COMMENDATION

Mr. Gajanan Khot / Mr. Prashant Kardekar
AQUA CHILL SYSTEMS INDIA PVT. LTD.

for

2400 TR Primary Variable Chilled Water Generation System

in this
System Design

Sonal Dutta
Sonal Dutta
Head-Awards Programme

Deepak Pahiwa
Deepak Pahiwa
Managing Director



**9th *Bry-Air*® Awards for
Excellence in HVAC&R
2013-2014**

CERTIFICATE OF EXCELLENCE

GAJANAN KHOT

Tri Gen Energy Design Pvt. Ltd.

for

DEHUMIDIFICATION WITH LOW ADP COIL COUPLED WITH HEAT PIPE

Commendation
of
Award for Excellence
in
System Design

Sonal Dutta
Sonal Dutta
Head-Awards Programme

Deepak Pahiwa
Deepak Pahiwa
Managing Director



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P.R. SRINIVASAN MEMORIAL TRUST

is pleased to award this certificate of merit to
MR. GAJANAN ANANDRAO KHOT

for standing

FIRST

in

“The Energy Auditor Certification Examination 2007 ”

conducted by

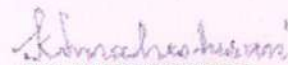
**Ambedkar Institute of Productivity, Chennai,
National Productivity Council, New Delhi**

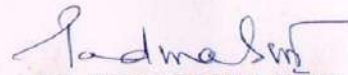
on behalf of

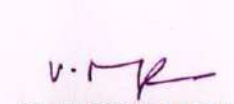
**Bureau of Energy Efficiency
Ministry of Power, Government of India**

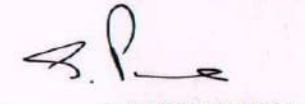
Dated : 10th December, 2007

Place : New Delhi


K.S. MAHESHWARI
TRUSTEE


DR. (MRS.) PADMA SETH
TRUSTEE


V. RAGHURAMAN
TRUSTEE


S. PADMANABAN
TRUSTEE



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Aqua Chill Systems India Pvt. Ltd.
Recognized for
CII Active Customer Engagement Award - 2021

**INSTITUTE
of QUALITY**



Confederation of Indian Industry



CERTIFICATE



Presented to
**Aqua Chill Systems
India Pvt. Ltd**

Recognized for Active Customer
Engagement

Powered by
amazon.in


R. CHANDRASHEKHAR
Chairman, Grand Jury Committee



Award & Recognitions



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Official Links



Website Link:-

Brochure, Flyer, Presentation:-

<https://aquachill.co.in/>

Reference Letters:-

<https://aquachill.co.in/hvac-systems/17/reference-letters>

Case Studies:-

<https://aquachill.co.in/hvac-systems/8/case-study>

Awards & Recognitions:-

<https://aquachill.co.in/hvac-systems/9/news-media>

Social Media:-

LinkedIn

<https://www.linkedin.com/company/aquachillsystem/>

YouTube

<https://www.youtube.com/channel/UCVQ75MOBVgum-xzh5fu6baA>

Facebook

<https://www.facebook.com/aquachill/>

Instagram

<https://www.instagram.com/aquachillsystems/>

Twitter

<https://twitter.com/AquaChillIndia>

Brochure, Flyer, Presentation:-

<https://aquachill.co.in/hvac-systems>

Corporate Video :-

<https://youtu.be/bmLHOH7k7mc>





THANKS