

mechzeal

interphasing pvt. ltd.



Introduction

- ❑ Mechzeal established its activities in 2005.
- ❑ Mechzeal Started providing total solutions to the Bio-pharmaceutical, Biotech, Cosmetics, Healthcare and F&B sector for Sterile Process Water Generation, Water for Injection, Storage and Distribution System, CIP/SIP, Systems for Core Processes, Wastewater Treatment etc.
- ❑ QUALITY is the buzzword today and each customer / consumer wants it in totality. Our quality policy and work philosophy which is based on the ISO 9001:2015 Standards, stresses towards total customer satisfaction.
- ❑ Our products are monitored by the quality consultants and give their opinions on the how we can improve the quality.
- ❑ We have molded ourselves in such a way that we grow and survive the competition.
- ❑ We expanded our territory to focus on growing industry needs so we included water generation systems and total water Management solutions for biotechnology, pharmaceuticals, Process and health care industries.
- ❑ We started serving Government sector as well private sector for providing solutions on water & waste water.
- ❑ To support our company's growth and expanding services, we are constantly striving to maintain the tradition of integrity and honesty.

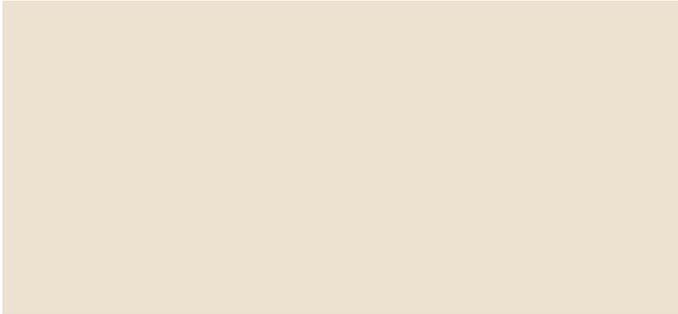
Plant Photos



Mechzeal is integrated solutions for Process, Automation

- ❑ Mechzeal is integrated solutions for Process, Automation, Utility distributions, validation, CIP/ SIP, Water and waste water.
- ❑ Mechzeal had a goal to serve to the industries for solutions on High Purity water, treatment solutions on various source of water and waste water with utility piping.
- ❑ Mechzeal have specially concentrated on sanitary & utility piping design, fabrication , installation of custom equipment and sales of distributed products with total documentation.
- ❑ Today Mechzeal is providing total Solutions on Water Management including Water, waste water and Sewage water through our experienced design and project team.
- ❑ Our understanding of the stringent demands of the industries in terms of hygienic design, engineering and manufacturing leads to us getting engaged with each project at an early stage of process definition and preparation of P&IDs/Layouts.
- ❑ We are perhaps the only organized solutions provider with more than 250 references in India with wide range of options for the high purity applications, storages and its distributions.
- ❑ Customers are also benefitted by our 24 x 7 Value Added Services post commissioning and handing over of the facility.
- ❑ Mechzeal extends real-time support through an extensive After Sales Service.

Process Automation



Vision, Mission, Value.....

Vision

- ▶ To become a global leader, touching the life of every part of society, protecting environment and people by providing the highest standard of hygiene being made affordable to everyone..

Mission

- ▶ Develop and deliver cost-effective, safe, clean and reliable solutions that will maximize prosperity of our customers
- ▶ Development and realization of new ideas recognizing the risks and working to mitigate them.
- ▶ Be a socially responsible corporate citizen
- ▶ Create wealth for our stakeholders

Value

- ▶ Spot talent and infuse in them the spirit of Entrepreneurship with performance as a benchmark and foster corporate integrity in the interest of customers, stakeholders and employees, by constantly raising our standards.

Responsibilities

- ▶ We will always deliver on our promises. Through our business interactions, solutions and social responsibility initiatives, we will strive to be recognized as a benchmark for Environment and Social responsibility. We will motivate our employees and partners to actively participate in furthering the cause.

Resource - Engineering

- ▶ With our vast experience in the field of Hygienic industry, we add a different dimension to our offerings. We design our systems to ensure seamless integration with other systems in the plant to stringent quality standards and regulations. With a backing of strong infrastructure, we can cater to specific requirements of the clients. We encompass our customer's entire range of equipment requirements in a project including treatment process, vessels for various in-process applications including Mixing & Storage, Clean utilities, Process piping, CIP/SIP, structural, Instrumentation - Automation, Transfer panels, etc. While designing, we encapsulate the following requirements:
- ▶ In-depth Process Understanding and always look to provide a leverage
- ▶ Functional Requirements of the process
- ▶ Process Cycle Control
- ▶ Process Parametric Control
- ▶ CIP/SIP
- ▶ While designing, particular attention is given to ensure adherence to drain ability aspect of the system to ensure zero dead leg free system
- ▶ 3D-modelling is an inherent activity which gives a clear visibility and walkthrough capabilities of the project.
- ▶ Instrumentation & Automation:

A well designed control & automation solution plays a very significant role in defining efficient functioning of a customer's manufacturing facilities and has a major impact on productivity, quality & profitability of the plant. Owing to these factors, it is imperative that the process plant and automation must be designed to work hand in hand with each other. In order to achieve this, it is essential to understand the process know-how to meet the necessary regulatory requirements. We understand the requirements of the client and integrate automation to the process systems seamlessly.

Resources - Manufacturing

Our priority is to serve the industry with Quality, Qualified Manpower and Machineries to provide high quality service and raising the benchmark of the industry. We don't just work on providing a solution, we believe in providing an optimized output which adds value to the customer's project.

- ❖ ASME BPE Equivalent compliant fabrication facility equipped and capable to manufacture variety of tanks & pressure vessels.
- ❖ Well classified areas for heavy, light fabrication, assembly and testing
- ❖ Designated areas for Finishing/Polishing
- ❖ Designated areas for Automatic TIG welding
- ❖ Designated areas for complete pre-construction of systems
- ❖ Dedicated FAT area
- ❖ In-house availability of utilities
- ❖ Modular approach to manufacture Skid based & pre-fabricated systems, thereby reducing the site activities
- ❖ Aesthetically designed systems is an innate part of our manufacturing process
- ❖ In-house testing with well defined QA/ QC procedures & third party inspections
- ❖ Comprehensive Documentation dossiers to support Validation of the System

Project Management

- ❑ An experienced Project Management team is a critical requirement in defining a successful installation and commissioning of the system.
- ❑ Our project team is capable of handling versatile project requirements. Along with the installation of the process systems, we also understand that site piping installation to be fundamentally correct in any type of industries, factors such as full drainability and cleanability should always be at the core of considerations while planning & installations of Plant and its piping with instrumentation.
- ❑ MECHZEAL's Project team comprehends the key to successful system installations owing to its robust experience and vast reference base.
- ❑ Planning and coordination is supporting in timely delivery of projects.

Organization

Water and Waste water Management



Corporates we work with...



Certificates



To whom so ever it may concern

This is to certify that **Mechzeal Interphasing Pvt Ltd** Ahmedabad have successfully completed "Design, Engineering, Supply, Construction, installation and commissioning of Purified Water Generation-Storage-Distribution System, Effluent Treatment Plant with Multi Effect Evaporator, Sewage treatment Plant, Storage & Manufacturing Vessels, Process Piping and Automation for our State of the art Cosmetic Manufacturing unit at Kheda, Gujarat.

This whole package plant was executed through our PO: 19000063, 19000067, 19000068 & 20000002 Dated 22nd January & 8th April 2020.

The total scope is consisting of:

- Purified water Treatment Plant capacity of 6 m³/hr. with three RO Plant with Storage & Distribution System
- Prefabricated Effluent treatment Plant with UF, RO
- Multi effect evaporator with cooling tower
- 18 nos. SS storage tanks for process.
- Process Piping of SS316L for Alcohol, cosmetic and other Processes.
- Power and control panels with Automation.
- Structural Fabrication of MS & SS.

We confirm that the **Entire System is based on Zero Liquid Discharge.**

M/s. Mechzeal Interphasing Pvt Ltd, Ahmedabad (India) has satisfactorily carried out total project execution. The quality of equipment and services rendered by **M/s Mechzeal Interphasing Pvt Ltd** are meeting our expectation. We are also satisfied with the performance and appreciate their design, service back up and promptness in timely responding to any technical query as well service support.

For, **Suntara Cosmetics Pvt. Ltd.**

Snehal Shah
Global Manager Engineering & Project



Suntara Cosmetics Pvt. Ltd.

Administrative Office : I-2 & I-4, Indraprasth Industrial & Logistic Park, Bharat Gas Street, Vedala Patil,Bareila -Kheda Highwav, Kheda-387550, Gujarat, India Phone : +91 997 967 8275



TO WHOM SO EVER IT MAY CONCERN

This is to certify that M/s Mechzeal Interphasing Pvt. Ltd., Ahmedabad had been successfully completed "Design, Detail engineering, Construction, Supply, Installation, Testing and Commissioning of PLC- SCADA based 2.5 MLD plant X 02 No. (5 MLD) at MPAKVNL (Madhya Pradesh Audyogik Kendra Vikas Nigam, PITHAMPUR, NATRIP, Asukhed, Pithampur, Madhya Pradesh wide our PO No. 4500001570 Dated 07/05/2019. Whole plant is commissioned in May, 2020 with successful trail run and handed over for further operation and maintenance from 1st June, 2020.

Project Detail:

- End User: Madhya Pradesh Industrial Development Corporation (MPIDC)
- Consultant: M/s. STUP Consultants Pvt. Ltd., New Delhi.
- Main Executing Agency: M/s Kunal Structures (I) Pvt. Ltd.
- Sub Executing Agency for STP: M/s Mechzeal Interphasing Pvt. Ltd.
- Location: Smart Industrial Park near NATRIP, Pithampur, District - Dhar

This Sewage Treatment Plant is consisting of following equipment:

1. Technology - SBR Based Sewage treatment Plant
2. Capacity - 2.5 MLD x 2 No. STP (5.0 MLD),
3. Bar Screen & Grit Removal Chamber,
4. Raw Sewage Transfer System. - 104 m³/hr,
5. SBR Basin 1 & 2 with Nepier Reid decanter
6. Air Blower (1W+1S),
7. Sludge Holding Tank,
8. Sludge Handling System (Sludge Feed Pump, Dosing System, Centrifuge),
9. Chlorine Contact Tank,
10. Chlorine Dosing System.

M/s. Mechzeal Interphasing Private Limited has satisfactorily carried out the supply, construction, Installation, Piping, Automation, commissioning and trial run operation of the installed 2.5 MLD plant X 02 No. (5 MLD) Sewage treatment Plant.

For **KUNAL STRUCTURE (INDIA) PVT. LTD.**

Authorized Signatory
Date: 10/06/2020



Certificates



Excel Chemicals Ltd

Old Mombasa Road, Embakasi • P.O. Box 18807-00500 Nairobi, Kenya.
Tel: 020 2099255/6/7 - 3540061 • Email: sales@excel.co.ke

To whom so ever it may concern

21st February 2020

This is to certify that M/s Jenika Enterprise (A part of Mechzeal Interphasing Pvt Ltd), Ahmedabad had been successfully completed "Design, Engineering, Supply, Construction, Erection & Commissioning PLC based MGF -ACF -UF-OZONTATION - ULTRA VIOLET Plant package with capacity of 25 cubic meter/hr for our manufacturing unit at Nairobi, Kenya. This Plant was supplied to us through Khiushi Exports, Mumbai vide PO No 185 dated 22nd December 2018. The Plant was successfully commissioned on 21st February 2020.

This NEW Water Treatment Plant consisting of following equipment.

- Pressure Sand filter (SS304) 28m3/hr
- Activated carbon Filter (SS304) – 28 m3/hr
- Ultra-filtration System (UF- KOCH)- 25 m3/hr
- Ozonator with oxygen generator system – 25 m3/hr
- UV system (Alfa UV) – 25 m3/hr
- Manifold for 8 user points – SS316.
- Auto control through PLC –control panel.
- Piping – UPVC and SS316

The outlet quality of the treated water has been consistent and of acceptable quality.

M/s. Jenika Enterprise, Ahmedabad (India) has satisfactorily carried out the supply, installation, commissioning of the New Water Treatment Plant. We are happy to certify that the overall plant performance is found to be good and meeting the design standard in all respect. The quality of equipment and service rendered by M/s Jenika Enterprise are also meeting our expectation. We are satisfied with the Plant performance and appreciate their design, service back up and promptness in timely responding to any technical query as well service support.

Prasooh Shah
Managing Director



SHUKRA PHARMACEUTICALS LTD.

To whom so ever it may concern

This is to certify that Mechzeal Interphasing Pvt Ltd, Ahmedabad have successfully completed "Design, Engineering, Supply, Construction, Installation, Erection, Automation & Commissioning of Effluent treatment Plant, In-plant piping for Steam, air, Purified water, product with fully Automation and Plant commissioning through PLC for our Generic medicine Plant located at Santej, Gandhinagar. The total work was carried out vide PO: SPL/PO-024/19-20 Dated 18.07.2019 and successfully completed within six months of contract period.

Effluent treatment Plant having capacity of 24 KLD has been under operation since last more than a year and getting desired parameters at the outlet. We are satisfied with the services provided by Mechzeal Interphasing Pvt Ltd during execution period.

For Shukra Pharmaceuticals Ltd.

Authorized Signatory
Date: 01/07/2020

CIN : L24231GJ1993PLC019079

Regd. Office : 3rd Floor, "VEER HOUSE" Opp. WIAA Office, Judges Bungalow Road, Bodakdev, Ahmedabad-380 054.
Factory Add. : 795, Rakanpur, Sola-Santej Road, Ta. Kalol, Dist. Gandhinagar-382721, Gujarat, India, Ph. : 02764-286317

Certificates



TO WHOM SO EVER IT MAY CONCERN

This is to certify that M/s Mechzeal Interphasing Pvt. Ltd., Ahmedabad had been successfully completed "Supply, Installation, Testing and Commissioning of All Major Utility piping serving for Air, Steam, RO Water, Chilled water, Cooling water, Purified water, AHU Manifold and drainage" for our Sanand Unit wide Purchase order Nos. **FPL/189/2019-2020 & FPL/190/2019-2020** Dated **11/02/2020**. All Major work has been completed by December, 2020 with successful trial run and handed over for further operation from 1st January, 2021.

The Project work is consisting of supply and installation of SS316L pipes & fittings, SS316 pipes & fittings, SS304 Pipes & fittings, MS pipes and fittings, SS 304 Pendants for all utilities, Insulation for Hot & Chilled water Piping, Orbital welding, Argon welding as well Arc welding. All piping were supported with fabricated structures.

M/s. Mechzeal Interphasing Private Limited has satisfactorily carried out this project work and based on which, we awarded similar work for our Changodar Unit.

We are satisfied with M/s Mechzeal Interphasing Pvt Ltd for their workmanship and commissioning.

We wish BEST of Luck for the further Growth TO Mechzeal Interphasing Pvt Ltd. This Certificate is issued for the reference to other Projects, tenders and contract only.

For, Finecure Pharmaceuticals Pvt Ltd.


Authorized Signatory
Date: 20/01/2021.

Registered Office
A - 1201, Mondeal Heights, Nr. Wide Angle, 079-4903093
S.G. Highway, Ahmedabad - 380015 079-49030915
www.finecurepharma.com CIN U24230GJ2005PLC051724



Plot No. PF-15, Opp. P&G Pharma, Sanand GIDC-II, Sanand, Dist.
CIN - U24231GJ1996PTC028913 Email : neuron_pharma@hotmail.com Web : ww

Commissioning Report

Name of Work: SITC of 2 KLD ETP PLANT

Order No. : Neuron/sand/37/19-20 , 03-12-2019

Name of Contractor: - M/S MECHZEAL INTERPHASING PVT LTD.

IT IS CERTIFYING THAT, M/S MECHZEAL INTERPHASING PVT LTD HAS COMPLETED SUPPLY, INSTALLTION AND COMMISSIONING ACTIVITY OF 2 KLD ETP PLANT AT SITE LOCATED, SANANDON 27-02-2020.

FOLLOWING POINTS ARE SATISFACTORILY COMPLETED FROM OUR END:

- ALL EQUIPMENTS ARE IN WORKING SATISFACTORILY. .
- COMMISSIONING HAS BEEN DONE AND ACHIEVED DESIRED PARAMETER IS UNDER OBSERVATION.
- PLANT HAS BEEN KEPT UNDER CONTINOUS OPERATION.

INSTALLTION AND COMMISSIONING WORK HAS BEEN COMPLETED AND APPRICIATE THE DESIGNING AND QUALITY WORK GIVEN BY M/S MECHZEAL INTERPHASING PVT LTD.



HEALTH · HYGIENE · HO

To whom so ever it may concern

This is to certify that M/s Jenika Enterprise (Group company of M/s Mechzeal Interphasing Pvt Ltd), Ahmedabad had been given operation and maintenance of Water generation Purification Plant at MYSORE wide our PO No : 4500999050 dated :- 30.07.2019 & PO No :- 4501183643 Dated :- 28.01.2020 , for 12 months with effect from 01-08-2019.

This RO-EDI based water purification consisting of following equipment.

- CSRO Plant - 7.5 M3/hr
- Softening Plant - 5 m3/hr
- HSRO Plant - 10.2 m3/hr
- EDI (Electro De-ionization Plant)- 4.5 m3/hr

This Water Treatment Plant had been operated during the O & M Rate contract period by M/s Jenika Enterprise.

M/s. Jenika Enterprise has satisfactorily carried out the Operation and Maintenance contract for given 12 months and the same has been extended for further six month.

For Reckitt Benckiser India Pvt Ltd.

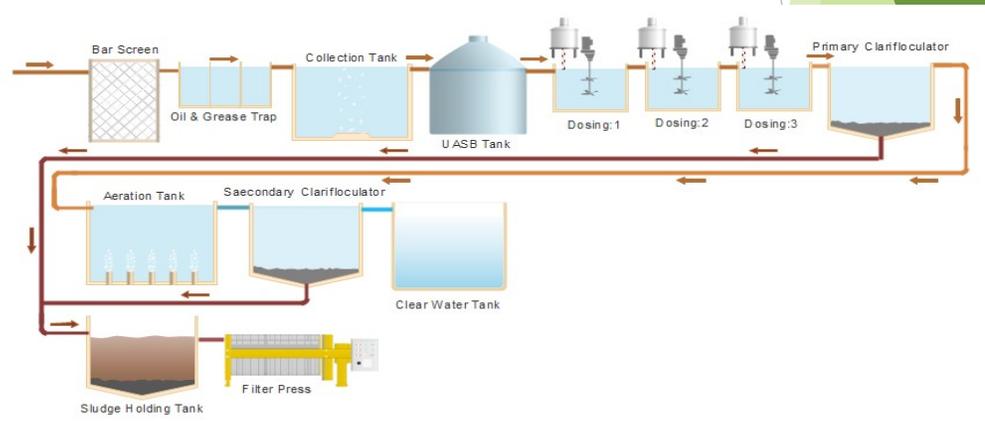

Authorized Signatory



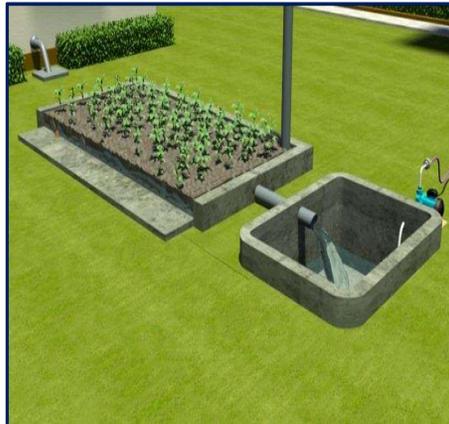
Water Treatment Plant



Waste Water Treatment Plant



Sewage treatment Plant



Mile stones- Mechzeal

- ▶ More than 200 Project work completed in Pharma, food and beverages segment. Customer like Zydus, Lupin, Sun Pharma, Amneal Pharma, Cadila, Suntara, Sukra, and Many more.
- ▶ Pioneer in Product and Utility piping and having specialized division for the piping technology.
- ▶ ISO 9001 - 2015
- ▶ Completed work of 2.5 MLD Sewage treatment Plant for Pitthampur Smart city project through Kunal infrastructure.
- ▶ Installation and commissioning of trunky Project of Purified water generation-storage-distribution-STP- ZLD ETP with MEE, process piping with automation for M/s Suntara cosmetics Pvt Ltd.
- ▶ Completion of Trunky Project of total utility piping for Air, cooling, Chilled, steam, Purified water, Pendants with supporting work for Sanand Unit. Based on this, got repeat order for Sanand unit.
- ▶ Awarded order by Indore municipal corporation for 1 MLD UBOXI technology Based Sewage treatment Plant
- ▶ Registration with L & T for their Dholera project.
- ▶ Supply of 0.7 MLD UF, Ozone and UV based Water treatment Plant to Nairobi, Kenya.
- ▶ Selection of Technology Partners as M/s Paques Environmental technology India Pvt ltd and M/s Go Green solutions Pvt ltd for Sewage treatment segment.
- ▶ Awarded order by ROSEFINCH Pharmaceuticals Pvt ltd for clean utility piping, PW generation, PW storage and its distribution system.

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