

OFFERS

PURIFIED WATER/WFI
GENERATION SYSTEMS
PW/WFI DISTRIBUTION SYSTEMS
MCDP/ PSG SYSTEMS
STORAGE / MIXING TANKS
WFI TANKS
HOSES, DRAIN TRAPS
SANITARY PUMPS

SERVICES

Electro polishing
Piping Installation
Orbital Welding
Boroscopy
Instrumentation & Automation



GULF TECHNOLOGIES

Our organization is quality-oriented and believes in a fact, "quality is the factor that increases our visibility in the market that is full competition." At our firm any every member hate to quality compromise. Using our modern & high tech technology. we test quality of our every product at every stage of manufacturing.



ABOUT US

We take the utmost pleasure to introduce ourselves as a professionally managed organization with a vision to manufacture high quality S.S. Products. We work with client closely and friendly to provide them suitable and helpful services. We are counted at top position among fast growing and client recommended company's in the market.

Based in Ahmedabad, our manufacturing unit is well equipped with all latest and advanced technology that enables us to produce standard quality clamp.

OUR TEAM

Our organization is well equipped with experienced and determined professionals & workers. They are highly responsible for catering high quality services to the client. We regular arrange seminars and workshops to update our professionals and engineers knowledge so that they can help you in better way.

OUR QUALITY

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PURIFIED WATER DISTRIBUTION SYSTEM



Pure Water Distribution System is employed in pharmaceutical unit to distribute the purified & distilled water. GT Pure Water Distribution System consists of Storage Tank , Recirculation pump, S.S. 316 L Piping with user points at various locations & the instrumentation to monitor / control the system. GT has a specific approach with following steps to build the Water Distribution Systems, which complies the USFDA & European Validation Standards. GT Water Distribution System has S.S. 316L EP Tanks & Electropolished pipes & fittings. The entire loop is orbitally welded.

GT system features :

- Orbitally Welded Pipes
- EP Storage Tank, Tubes & Fittings
- Boroscopy test of weld joints

One of the important part is "DESIGN" of the system, with which the system is built & suffices the critical requirement for validation of the system & continuous maintenance of consistent quality of water.

- Turbulence flow by pump to retard the bio film development
- Velocity Maintenance in Return Line
- Tank Turn Over
- Monitoring & Data logging of the process parameter by PLC & SCADA

GT Water Distribution System is installed with technics to avoid mechanical displacement, corrosion & to achieve sanitary integrity of the system.

- Slopes for Complete Drainability
- Automatic (Orbital)Welding & Inert Gas.
- Passivation & Sanitisation

CIP SYSTEM

GT offers CIP (Clean-in-place) system which is a method of cleaning & sanitising the interior surfaces of pipes, vessels, process equipment, filters , and associated fittings, with minimum dismantling / shutdown & minimum operator intervention during the cleaning process. CIP System involves use of chemicals , sterilents , pumps, Spray Nozzles & sanitary design principles.

The wash cycle consists of the following sequences ; Pre-rinces , Acid / Alkaline Wash , WashDown Rinse & Final wash with hot or Cold DM water / RO water / WFI.

Finally pure steam sterilisation can be followed if available. The Entire washing process can be controlled by a Semi / Fully Automatic Panel mounted on CIP unit.

The benefit to industries that use CIP is that the cleaning is faster, less labor-intensive and more repeatable, and poses less of a chemical exposure risk to people.



PURIFIED WATER GENERATION SYSTEM

The outcome of vast experience, knowledge and continuous R & D in Water Treatment Technology is the product offered by us - called Purified Water Generation System, specially for pharma industry to produce purified water which complies with USFDA / EU / IP standards.

Various technology combinations including RO, EDI, Resin, Ultra Filtration, UV system to produce pharma grade water

- RO - EDI - UV
- RO - MB - UF
- DM - RO - UV
- DM- UF



RO - EDI SYSTEM

Salient Features :

- Skid Mounted System
- PLC / SCADA Based Automatic System
- USP Grade Product Water
- Conductivity < 1.25 us/cm
- Total Viable Count < 100 cfu/ml
- Total Organic Carbon < 500 ppb
- Hot Water Sanitizable
- Aseptic Components
- 21 CFR Part 11 Compliant
- Continuous Monitoring And Logging
- Standard Models - 100 LPH to 10000 LPH



POST ETP - R.O. PLANT

OTHER PRODUCTS



► S.S. Pipe 316 LEP



► S.S. Band 316 LEP



► S.S.Tee 316 LEP



► S.S. Liner 316 LEP



► S.S. Diaphragm Valve 316 LEP



► Zero Dead Leg Valve EP



► S.S. Sampling Valve



► S.S. Flow Divert Valve



Instrumentation & Solutions



**Pressure
Temperature
Level
Flow
Conductivity
pH / ORP**



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WATER SAVER NOZZLE

- Used for rapid cleaning with least amount of water.
- Water jet can be controlled by varying pressure on the lever.
- Automatically shuts off, moment the lever is released.



FLOOR DRAINS

- Used for the drainage of floor areas and or discharge applications.
- Wide choice of designs and sizes to suit customers requirement.



SANITARY PUMPS

- Centrifugal Pump.
- Rotary Twin / Tri Lobe Pump.
- Screw Pump.



SPRAY BALLS

- Used for rapid cleaning of storage Tanks, Fermenters, Agitators, Reactors.
- 180° Up, 180° Down, 360° Flow Pattern.
- Available with a range of flow rates and pressures.
- Fixed Type & Self Rotating Type



U.V. SYSTEMS

GT UV systems are designed to reduce microbial content up to 99.99 % which are Susceptible up to a UV Dosage of 30000 uws/cm². By passing contaminated water over UV lamps with germicidal properties, the UV energy disrupts the DNA in viruses, bacteria, And Protozoa , making them unable to reproduce and rendering them harmless.

GT UV systems are being successfully used in Pharma Processes apart from Drinking applications. U.V. lamps are replaced if the Intensity falls below 880 mw/cm² or they are replaced after a max. of 3000 burning hours.



MIXING BATTERY

- Designed to provide instantaneous hot water economically by proportionately mixing stream and cold water to the required temperature.
- When turned off at the outlet, there is immediate and positive shut-off.
- It can be provided with self rewinding hose reel.
- Hose reel DIA. 1/2" or 3/4" can be locked at the desired length. .



FILTERS & STRAINERS

GT offers a Wide Range of Filters & strainers as under , with efficient flow design, flexibility in installation and quick and simple cleanup.

- Conical Filters / Filters With Wiremesh & Perforated Screens
- Inline Strainers & Side Entry (Angle Type) Filter
- Micron cartridge Filters With a Variety of Cellulose/Polypropylene / PTFE / S.S. Sintered material cartridges having 0.2 to 5 micron porosity.
- Vent Filter With 0.2 micron Hydrophobic Cartridges
- "Y" type Sanitary & Non Sanitary Strainers
Duplex Filter / Strainer can operate continuously, filtering more efficiently & saving costs. Fluids can flow back and forth between two filter vessels or housings, allowing one side to be serviced while the other is on working.
- Stainless steel Bag Filters With Top & Side Entry and with Single & Multiple Bags.



FOOD GRADE HOSES & FITTINGS

GT offers platinum cured Silicon Hoses & Gaskets in accordance with USFDA standard 21 CFR 177.2600; The German BfR standard part XV and USP class VI standard.

We also offer premium quality milk and dairy hose specifically designed to convey milk and by-products. We also offer PTFE (smooth Bore / Convuluted) Hose With S.S. Braidings & Variety of Covers.

We can also customize **TUBING, BRAIDING AND SPRING WIRE HOSES** as per customer's requirements.

GT offers Sanitary Hose Fittings made from Bars / Forgings and machined by CNC machines.



MULTI PORT VALVE

GT supplies Multiport valves [MPV] for wide range of applications. Multiport valves are used in filters, softeners, Mixed Bed exchangers and DM Plants.

Multiport Valves are broadly categorized as follows With Top & Side mounting designs.:

Full / Semi Automatic multiport Valves

Manual Multiport valves

GT also offer FRP Pressure Vessels , RO membrane Housings , Dosing Pumps , etc.



GROOVED COUPLINGS & FITTINGS

GT offers Victaulic Type Grooved Couplings & Fittings which allow controlled Angular , Liner ,Rotational movement at Each Joint to accommodate Expansion / Contraction , Setting, vibration & other Piping movement.



BALL VALVES

GT offers Fabricated as well Investment Cast Quality 2 way / 3 Way Ball Valves With Manual Lever / Pneumatic or Electric Actuators with Limit Switch option. Ball valve is a form of quarter-turn valve which uses a hollow, perforated and pivoting ball to control flow through it. It is open when the ball's hole is in line with the flow and closed when it is pivoted 90-degrees by the valve handle.

GT offer Ball valves with a Variety of End connections & Pressure Rating.

GT offers expertise in Flush Type Designed Ball valves.



DAIRY VALVES

GT offers Dairy Valves like Dairy Plug Valves (2 way & 3 Way) ; Butterfly Valves & Flow Regulating Valves With Variety of End connections & operating options .



SAFETY VALVES

GT offers Industrial as well as Sanitary Stainless steel Safety Valves.

It is used to perform Pressure by pass for safety purposes in order to protect Lines, pumps, Vessels, Tanks , etc.

Under Normal operating conditions , valve remains closed. It is calibrated to a Specific Pressure by Regulating Spring With the pressure nut. The calibrated Pressure is a maximum safety pressure to avoid damage of the plant.



SIGHT / LIGHT GLASS

GT Sight glasses / Light Glasses are accurate gage glasses that permit direct distortion-free visual inspection of process conditions, products, liquid levels and cleaning inside vessels used in the dairy, food and beverage, personal care and biopharm industries.

GT have Tubular straight sight glass, sight glass with lamp and cross sight glass. The straight sight glass can be installed horizontal or vertical, it also can 360degree view through the glass defence. It is suitable for on-line view of the pipeline. Sight glass with lamp is a type of sight glass with union, it can work under the dark light according the lamp, and disassembling easy, So it is suitable to the view of tank equipment.



S.S. FABRICATION



REACTOR



WFI TANK



MAN WAYS



PENDENTS



S. S. CASTER WHEELS



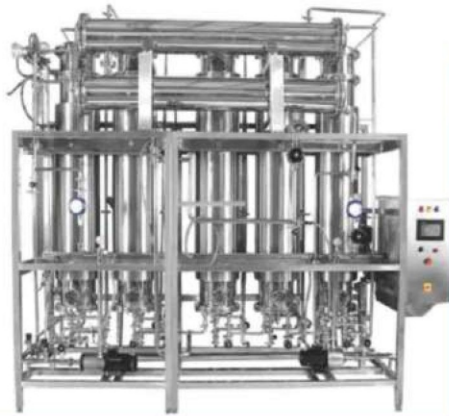
PALLETS



CLEAN ROOM LOCKERS



R O PRESSURE TUBES



- PURIFIED WATER / WFI GENERATION SYSTEMS
- PW/WFI DISTRIBUTION SYSTEMS
- MCDP / PSG SYSTEMS
- STORAGE / MIXING TANKS
- WFI TANKS
- HOSES, DRAIN TRAPS
- SANITARY PUMPS

SERVICES

- Electro polishing
- Piping Installation
- Orbital Welding
- Boroscopy
- Instrumentation & Automation



Water Purification



Process Equipments & Spares





PURIFIED WATER PW DISTRIBUTION SYSTEM

Generation Systems

Micron Filter System
RO System
Dm Plant
Ultra Filtration System
Electro Deionization System
Ultra Violet System
CIP / SIP System
Multi Column Distillation

Distribution Systems

PW / WFI Water Storage Tanks
Sanitary Centrifugal Pumps
ASTM A270 S.S.316 L
Electro Polished Tubes
Triclamp Unions
SMS / IDF / DIN Unions
Bend, Tee, Reducer
Vicia Couplings
Vent Filter
Cartridge Filters
PLC Based Panels

VALVES

Diaphragm Valves
Zero Dead Leg Valves
Flow Diversion Valves
Dairy Plug Valves
Butterfly Valves
Ball Valves
Sampling Valves
Iris Valves
Non Return Valves
Flush Bottom Valves
Multiport Valves

INSTRUMENTATION

Flow Meters
Rotameter
Conductivity Meters
pH Meters
ORP Meters
Temperature Meters
Pressure Gauges
Level Controllers

S.S.FABRICATION

Storage Tanks
Reactors
Receivers
Hoppers
Winery Tanks
Crystalisers
Micron Filter Housings
R.O. Membrane Housings
Pendants(For Pharma Utility)
Manways / Manholes
Caster Wheels
Clean Room Furniture

CLEANING SYSTEMS & ACCESSORIES

Hand Sanitiser
Shoe Cover Dispenser
Sterile Floor Drains
Water Saver Gun
Mixing Battery
Spray Balls
Rotary Turbo Jet Tank Cleaner

CLEAN ROOM AND HVAC SYSTEM

Clean Room Partition
HVAC Installation And Validation

HOSES

- S.S.Braided Hose
- Silicon hose
- PTFE Hose
- PVC Vacuum Hose
- Hose Fittings

SANITARY PUMPS

Centrifugal Pump.
Rotary Twin / Tri Lobe Pump.
Screw Pump.

SERVICES

- Electro Polishing
- Piping Installation
- Orbital Welding
- Boroscopy
- Instrumentation & Automation

FIRE & SAFETY

Our Motto is to provide Quality Products and Quality Services to customers. We believe that we should recommend the products and services that you really need and no more. In fact we will always try to save you money and will recommend more economic solutions if these are available.



► M.S. Pipe



► M.S. Band



► M.S. Flange



► Hydrant Valve



► Hose Reel



► Sprinkler



► Fire Hose Box



► Single Door Hose Box

FIRE & SAFETY SYSTEM



► Fire Hydrant Line



► Fire Sprinkler Line

WATER SYSTEM WORK DEFENESON

01 Purified Water Line

02 W.F.I Line

03 Pure Steam

04 Compressor Air

05 R.O Water Line

06 Boiler Steam

ORBITAL WELDING

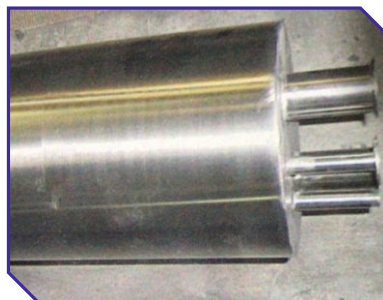
A substitute of conventional manual argon welding is an automatic orbital tig welding which gives a weld joint that facilitate the hygienic conditions inside the system.

It's a fusion welding process with argon purging gives the superior quality of weld joints internally & externally.

Having a complete setup for orbital welding, Gulf Fabrication provides the onsite & offsite services and deliver the highest standard of a documented weld joint.



► Orbital Welding



► Pendant Service Shaft



► Tank Fabrication

Water System Work



Zydus Healthcare



Intas Matoda

Hallyon Lab

Hallyon Lab



Zenith Healthcare Ltd

Brushal
Laboratories

Brushal Laboratories

SUNLOVIS

Sunlovis Pharmaceutical



Ambix Healthcare



Rivon Pharma



Cataliq Laboratory



Stallion Labs



Captavis Biocare



Lincoln Pharma



Zydus Wellness



Divine Healthcare



Dial Pharmaceuticals



Sanolet Lifecare



MedSet Pharma



Pulse Pharma



Pramukh Pharma



H.O.F Pharma



Aban Pharmaceuticals



Adrahim Pharma



Human Pharma Labs



Noronic Pharmaceutical



Vital Formulations

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Fire Hydrant and Safety System



Our Clients

VS Hospitals
Care. Cure. Compassion.

V.S Hospital

TRANSSTADIA

Trans Stadia

**WESH
GATE**

Wesh Gate

**ONE
NORTH**

North One

Chanchal
Saransh Ambience

Saransh Ambience

adani
Shantigram
THE GOOD LIFE

Adani Shantigram

NOBLES
Trade Centre
SHOPS • SHOWROOMS • OFFICES

Noble Trade Center

CLUB O7
CLUB & CONVENTION
...an urban escape

Club O7



High Court

Wrighter

Wrighter

gulf
Technologies

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