

Pharmaceutical

Water & Process Equipment & Systems

We understand
your needs better

Engineered to deliver
high lifecycle value





Manufacturing Unit, Gaddapotharam, Hyderabad, India

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ABOUT US

Founded in the 2012, Sanpure was born out of a vision to create a company that can deliver value engineered high purity water systems to the pharmaceuticals and bio-pharmaceuticals. Sanpure is the brainchild of Basavaraj Nekar, a chemical engineer and a project manager with over 26+ years of experience in project execution, design and engineering of pharmaceutical water systems.

Our systems are different, never generic, always customized and optimized to suit our client requirements. Our system designers keenly focus on the design that delivers the highest life-cycle value. All our systems are designed with high reliability coupled with low cost of ownership.

We deliver projects timely, efficiently and successfully

DRIVEN BY PERFORMANCE AND PASSION

We are a single point responsibility company for all your Pharmaceutical Water and Process Equipment and Systems requirements, delivered from under one roof. All our systems are designed and engineered to suit your requirement and highly optimized to perform efficiently under your working conditions. Our systems are known for their reliability and performance efficiency. Another reason why our customers value our systems is their lower operational cost and their ability to deliver consistent quality and quantity throughout its life-cycle.



Basavaraj Nekar,
Managing Director

10+	175+	>600	>300	36,000
YEARS IN OPERATION	NO OF EMPLOYEES	NO OF SYSTEMS INSTALLED	NO OF REPEAT ORDERS	MANUFACTURING AREA (FT ²)



VISION

- To be the most trusted and preferred vendor to our customers and employer to our employees.

MISSION

- To design, engineer, install and support state-of-art **High Purity Water Systems** and **Process Equipment & Systems** that are smart, efficient and comes with low cost of ownership.

OUR INFRASTRUCTURE

We are headquartered in the 400 years old historical city of Hyderabad, India.

Our fully integrated manufacturing facility spread over a large 9600 sq.yards houses design, engineering manufacturing, FAT and control center all under one roof.

This means easy co-ordination between departments, large manufacturing capacity for faster deliveries, Automated machines for consistent quality, highly experienced manufacturing and fabrication crew that assures quality of workmanship and fully equipped FAT area to qualify your systems before delivery.

Fully integrated facility to deliver quality ASME-BPE projects

□ World class Manufacturing Facility

A production area of 36,000 FT² is allocated for the fabrication of high capacity and high quality Process Equipment & Systems with machines capable of handling vessels up to 20 KL capacity and thickness up to 20mm. With highly trained operating crew, we can deliver large size vessels in high numbers in the shortest time possible.

We are one of the few in the country, with an automated polishing machines that can deliver high surface finish uniformly and very fast.

With in-house electropolishing facility, we are also amongst very few with fully integrated facility in India.



Manufacturing Area -1 | High Purity Water Systems

Fully integrated infrastructure to deliver world class quality



Manufacturing Area -2 | Process Equipment & Systems

MATERIAL TESTING LABORATORY

Our material testing laboratory equipped with the latest material testing instruments, is an integral part of our quality assurance and control departments. All outsourced materials and components like tubes, fittings, etc. received from our partners are tested for material consistency and composition.



Quality infrastructure to deliver quality

Quality is paramount at Sanpure. Our Quality Control laboratory is fully equipped with all the requisite testing and measuring instruments that is well calibrated. Our trained and experienced quality control team ensures stringent quality checks before any equipment is shipped out.

1800 FT² of clean room area is provided for high quality orbital welding and NDT tools like Borescopy, Radiography, Surface testing instruments etc.



Conference Room



Automated Polishing Machine



Shell Rolling Machine



Office Space

OUR CORE COMPETENCY

Delivering quality systems with high lifecycle value backed by quality & timely services



DESIGN & ENGINEERING

Our expert engineers understand your needs and deliver engineered solutions that can deliver the required quality with a very low operational costs. We call it 'Value Engineering'.

Our systems are engineered to be easy to use with highly reliable automation that is in full compliance with standards like GAMP-5, 21 CFR-Part 11 etc. The systems are also designed as required to be in compliance with standards like ASME-BPE, ASME, Section VIII Div. 1.

FABRICATION, ASSEMBLY & TESTING

At the Sanpure factory, highly trained and experienced crew operate the latest machines needed to deliver quality and speed. This means getting it right the first time. With fully integrated, all in-house manufacturing line including electropolishing, we have full control on the quality.

QUALITY & DOCUMENTATION

Our manufacturing process is designed in a way to integrate quality assurance in our process itself. To ensure world-class quality, all our systems and equipment undergo stringent, in-house quality tests like radiography, borescopy, surface finish test, pressure and vacuum tests before shipping out.

Our quality team ensures all certificates like traceability certificate, test reports for weld, borescope, passivation, pressure and many others, are obtained and organized for easy accessibility to enable easier qualification of the system.

INSTALLATION, COMMISSIONING & SERVICE

Our experienced installation and commissioning team works closely with you to ensure smooth system installation and commissioning at your site. Our quality team at the site ensures the system is installed and commissioned as per the documented standards, in the shortest possible time.

PROJECT MANAGEMENT

Our strength- Delivering projects on time while exceeding expectations in execution quality

Highly experienced project management team

Our experience and expertise in project planning and execution accelerates the project turn around time significantly.

When you work with us, you have the backing of a very strong project management team with years of experience and expertise behind them. Right from the time we receive your order till the day we handover the systems our project leaders work to ensure the project is completed in the shortest possible time.

Our project team closely interacts your team throughout the project lifecycle of planning, execution and qualification of the systems envisaging and overcoming challenges efficiently.



Project Planning and Co-ordination

It is very important to define and understand the goals very clearly in the beginning. Our highly experienced project team ensures this is taken care of by drawing up communication strategy, appointing single point of contact, charting project schedule, allocating funds internally etc.



Design, Engineering & Manufacturing

Based on the URS, the design and engineering team ensures the system is designed & engineered on time & relevant drawings are generated & approved. The project then moves on to the manufacturing & the QC team where the fabrication, assembly and internal testing and FAT is done.



Installation & Commissioning at site

The installation team is already working in tandem at the site to ensure the site readiness to accept the systems to be shipped and installed. They also ensure all the site related works are in place before the system is shipped. The installation and commissioning is then performed as per our time tested protocols.



Qualification, Validation and Documentation Support

All the installation and commissioning activity is carried out and documented. Documents (Test certificate, traceability certificate, Calibration certificate, Weld report etc. are well organized and handed over. Once this is done, the project is then moved over to the service crew for service and warranty support



HIGH PURITY WATER SYSTEMS

Turnkey Project Management & Delivery

At Sanpure, we take the responsibility of delivering end to end turnkey solutions. From the raw water to the point of use, we work with you to design, engineer, build, install, qualify and service the system throughout its life-cycle.

We make sure that the journey that starts with a Raw Water Analysis report, not only ends with water quality that far exceeds the standards set forth in the Pharmacopoeias (USP, Ph. Eu, MHRA, TGA, JP) but also with a much lower operating cost.

We are used to challenges in water treatment. We have solutions to most.

In the field of water treatment, the end water quality can be achieved in multiple ways. But what sets us apart is the ability to select the most suitable, cost effective process and systems with lower operating cost and maintenance and high durability. You can trust our experience to guarantee the end water quality and quantity with consistency.

No of FDA Approved facilities with our systems

>125

No of systems installed in Vaccine / Injectables plant

>540

Length of distribution piping installed (Mtrs)

>3,50,000



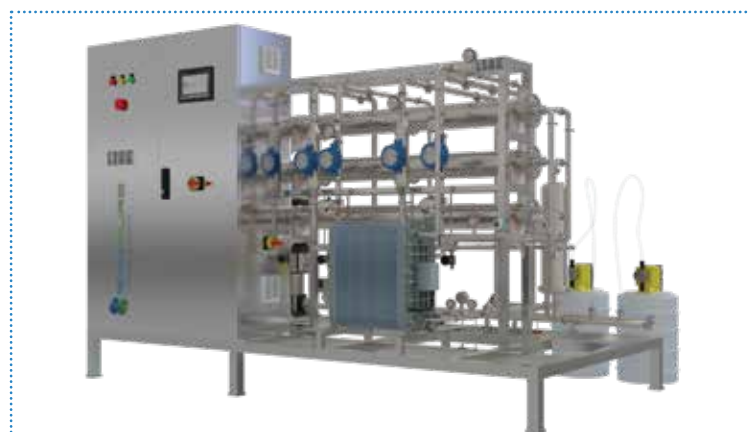
Turnkey Water Systems

Just give us your end water quality and quantity requirements and your raw water analysis report and leave the rest to us. You can trust Sanpure to deliver the most efficient and optimized water systems that will deliver the designed quality and quantity at the point of use.

Our project management experts will ensure world class water treatment plant that is compliant with all major codes and standards like;

- cGMP / FDA
- ASME
- ASME - BPE
- 21 CFR Part 11
- GAMP-5

delivered, installed and qualified in your manufacturing facility. We will also take care of Operation & Maintenance if required or Annual Maintenance Contract to ensure that your core focus stays on manufacturing of your products.



■ Turnkey Systems for Purified Water & WFI

HIGH PURITY WATER SYSTEMS

Generation, Storage & Distribution

Purified Water Generation System

Our purified water system is designed to perform efficiently and deliver designed quality of water, consistently. We design our pre-treatment system to be very robust and this ensures the purified water system to run smoothly and efficiently. Our product range includes **RO-EDI** system that is hot water sanitizable and **RO-EDI-UF** combo system. They are efficiently monitored and controlled by highly intuitive, **Touch Screen HMI / IPC** driven by **21 CFR Part 11** compliant software.

Storage & Distribution Systems

Our credentials in designing Storage & Distribution system has been well established. Our distribution, disinfection and monitoring systems are designed to be robust, with built-in safety and alarms. This ensures quality of purified water at the user points. Our system can be sterilized with clean steam and sanitized with hot water or Ozone. They are **PLC** driven and easily controlled by intuitive **Touch Screen HMI / IPC**.



Successfully commissioned 9WFI & 9PS Distribution Systems in one water room & validated with 21 CFR part 11 compliance at one of the largest vaccine manufacturing facility in India.

At Sanpure we make it happen

Water chemistry is a complex subject and demands knowledge and experience. Knowledge to understand the water and experience to select the most suitable and cost-effective treatment solution.



Quality Consistency

We specialize in the design of high end Purified Water Systems that deliver water quality far above the acceptable USP Purified Water standards. Some of our product features include;

- ✓ Fully automated hot water sanitization
- ✓ PLC based controls with intuitive touch screen MMI
- ✓ Online parameter monitoring and data logging
- ✓ Compact and skid mounted system
- ✓ High quality Instruments and valves
- ✓ High end features like permeate rinsing and flushing
- ✓ Automated safety features and alarm

We handle raw water quality fluctuations well

Potable Water Generation System

A good and robust pre-treatment system and potable water generation system is the foundation for an efficiently performing purified water system. We design and deliver robust pre-treatment system that handles raw water quality fluctuations well and enables Purified Water System to perform optimally.

Our products include;

- ClO_2 / NaOCl dosing system
- Ozonation system
- Multigrade sand filters with auto backwash cycles
- Duplex short cycle regeneration softeners
- Ultrafiltration system with fully automated backwash
- pH correction
- Dechlorination system



FDA / ASME-BPE / edQm / GAMP / WHO / TGA Approved with our systems

Fully Integrated Processing systems

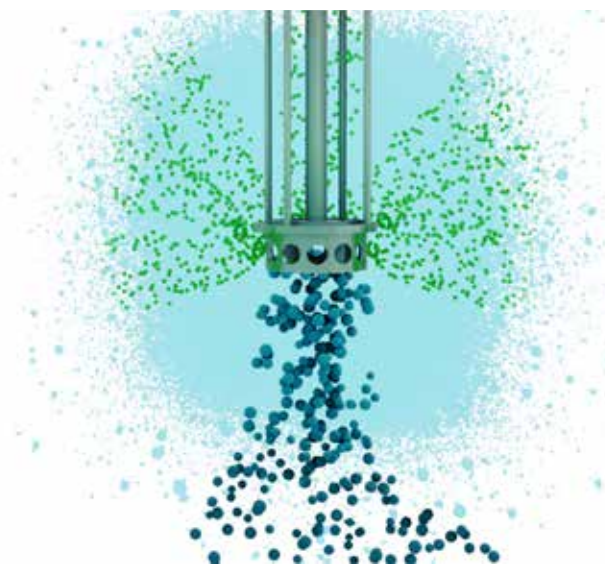
PROCESS EQUIPMENT & SYSTEMS

For Pharma & Bio-Pharma applications

We know what is important to you

Our products are highly optimized to suit your production design

Sanpure is well equipped to provide highly customized **Process Equipment and Systems** for the development and manufacturing of biopharmaceutical products like *vaccines, mAB, rDNA proteins, blood fractionations* etc. Our infrastructure is amongst the best in the country with complete in-house capabilities, large manufacturing capacity and highly skilled manpower and experienced engineers. Our technical expertise and manufacturing capability is well complemented by our speed of delivery and execution.



PROCESS EQUIPMENT



All our Processing Systems and Equipments features high quality workmanship to ensure worldclass finish, crevice free welds with high surface finish complimented by our choice of components and instruments from reputed manufacturers across the globe



Integrated systems designed for your application needs

- Mixing & Blending Vessels
- Filtration Skids
- CIP / SIP Systems
- Bio-kill Systems
- WFI Point-Of-Use Coolers
- Integrated / Interconnection Piping

All our systems are designed to comply with international Codes & Standards

- ASME- BPE
- cGMP
- US FDA
- 21 CFR Part 11
- GAMP-5

Intelligent, reliable and user friendly Automation & Controls

We source instruments and controls from only the top global manufacturers. We provide option to control the system locally with HMI or externally through SCADA / DCS. Our user friendly control software complies with 21 CFR Part 11 and the automation is designed in accordance with GAMP-5 standards.

Be it Installation, Commissioning or Qualification, we are with you always.

The systems are tested in-house at our FAT facility. Our highly experienced commissioning team carries out the SAT and ensures well planned and timely commissioning of the system. Our quality assurance team ensures all documentation is completed, compiled and handed over to your validation team.



PROCESS EQUIPMENT & SYSTEMS

For Pharma & Bio-Pharma applications

With us on your side you can put your biggest process challenges in your rear view mirror.



Workmanship that defines quality, systems that are build to last

At Sanpure you can expect high quality workmanship that defines quality. Our tanks and vessels are built to perform and last longer as they are built with high quality materials and exacting finishes and with world class components.



Rely on our experience, we ensure your requirement is surpassed

You can rely on our experience and expertise to ensure your processes run smoothly. Rest assured, we inspect and test every vessel, system or equipment, to ensure every requirement of yours is met or surpassed.



There is a reason why top companies prefer our systems

While most of them get 90% of the system design and engineering right, its the last 10% that defines the whole system. Our eye for details makes our system stand out, be it in terms of durability, ease of use, operator friendliness or compliance to international standards, we check every box that defines a system of international quality.

We have an edge over others!

Driven by experience and expertise, we are trusted by the global leaders.

Join Us!

At our state-of-the-art facilities built dedicatedly for stainless steel fabrication you will see our highly experienced engineers and skilled technicians crafting huge sanitary Process vessels, Sterile holding vessels, Filtration systems, Bio-kill systems and many customized equipment and systems.

With large infrastructure and skilled manpower we deliver faster

Aided by the most advanced computer-aided design (CAD) technology, we do it right the first time itself, a reason why we deliver faster.

What sets us apart than most is our attention to detail at every area. Our expert team design, engineer and build highly custom engineered equipment and systems to the exact specifications for your unique needs.



Quality Consistency

At Sanpure, we always strive as an industry leader, by designing, engineering and manufacturing products and services that are cemented on our stringent quality protocols and guidelines. All our products and services consistently exceed or at the least, meet the requirements and expectations of our customers as a result of our rigorous quality management system.

- ✓ Maintain regulatory compliances
- ✓ Exceed customer expectations
- ✓ ISO-9001, a minimum quality standard
- ✓ Continuous quality improvement
- ✓ Quality- built into our process

OUR SERVICES

Available on time, when needed



ERECTION & FITMENT

Site erection demands experience, skill, planning and resources. Our fitters and technicians get the job done efficiently.



ORBITAL WELDING

Equipped with latest multiple Orbital welding machines our highly skilled welders deliver high quality welds faster.



INSTALLATION & COMMISSIONING

Our high quality system engineering and rigorous in-house testing ensures faster and smoother commissioning at site.



VALIDATION SUPPORT

Our quality team is well experienced and fully understands your needs in this area. 100% compliance to qualification protocols.



AMC & O&M

If you want us to run your / our system while you focus on more important operations, we have got you covered!



SERVICE SUPPORT

Our expert service technicians reach your site faster and can quickly get the system up and running. Count on us!



We respond timely and efficiently, every time

Our quality systems are well augmented with high quality service support by our able service crew. Our service team is dedicated and specialized in their field of activity. They get the job done very efficiently in the shortest possible time span. They are fully supported by the engineering and production teams working in-sync to minimize your system downtime and getting the system up and running in the shortest possible time

In the rare case you need our service crew, they are equipped and ready

Why our services are superior?

- ✓ Trained and experienced site engineers and technicians get the job done faster and more efficiently
- ✓ Our long serving employees who know everything about the installed systems troubleshoot faster
- ✓ We hear you the first time and understand better and are well prepared when we visit the site
- ✓ Frequent quality training, in-house quality certification and recognition ensures they are well equipped
- ✓ Our predictive maintenance plan ensures we avoid breakdowns or anticipate them before it happens

QUALITY & DOCUMENTATION

support for DQ, IQ, OQ



Our orbital welding quality & speed far exceeds most of our competitors

We keenly focus on our welder skills. Our upskilling and employee well being and retention strategies ensure we build upon their skills and expertise year after year.

Our quality and speed of installation and fitment is our customer's delight

Our ability to understand your site is better. We plan well ahead, anticipate issues before they arise and engineer systems well to minimize site activity enabling quality installations

Our technicians know their job. Call it training or experience or expertise

Our technicians have been challenged at site under difficult circumstances, climatic conditions etc. many times. They anticipate well and plan ahead to deliver quality service.

Full qualification and documentation support that you always need

The need for certificates, reports and documentation is well understood right from our sourcing team to our commissioning team. Our Quality team ensures full compliance to your documentation and validation needs. You can rest assured that this aspect is taken care of.



QUALITY assured in every component and instrument

All critical components like the RO membranes, critical monitoring and control instrumentations, the pump, EDI module, Ultrafiltration membranes etc. are sourced from some of the leading companies in the world. Our sourcing and quality team works hard to evaluate these critical components for its quality and performance. Only well proven components that demonstrate consistency and quality, are used in our systems.



AN ISO 9001:2015 CERTIFIED COMPANY

www.sanpure.in

Consultants

Knexir
Jacobs
IPS
Spectrum
Qualitus
SAS Engineers
Tata Consulting Engineers
NNE Pharma Plan

Valued Customers

Viatrix
Serum Institute of India
Dr. Reddy's Laboratories Ltd
Biocon
Reliance Lifesciences
Natco Pharma Ltd
Laurus labs
Divis Laboratories Ltd
Hetero
Biological E. Ltd
Sanofi
Gland Pharma Ltd
Virchow Biotech P Ltd
Indian Immunological Ltd
Pfizer
Sun Pharma
Bharath Biotech
Unichem Laboratories Ltd
Promea Therapeutics
Aspiro
Cronus Pharma
ITC Ltd
Axxelent Pharma Science
Karnataka Antibiotics Ltd
RA Chem
Eisai Pharmaceuticals
Caplin Point Laboratories Ltd
Nosch Labs Pvt. Ltd
Jodas Pharma
Granuels India Ltd
Shilpa Medicare Ltd
Syngene
Jubilant Life Science
Piramal Pharma Ltd
Suven Life Sciences
GVK Bio

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