



STAR PREMIUM PRODUCTS

Your need We Provide

GSTIN : 33ADUFS0225L1ZT



Star Premium Products

provides goods and services, along with solutions to oil and gas, Cement, mining, desalination and other process plants.

We are an Indian company that carries forward a diversified experience of more three decades of working with Cement & Oil and gas sectors in India and the UAE.

About Us

STAR PREMIUM PRODUCTS - ENGINEERING SOLUTIONS PROVIDER

We are a technology solutions organization focusing on engineering solutions & services. We bring expertise that caters to the engineering, manufacturing and technology needs of clients in Oil & Gas, Power, Water treatment plants, Cement & Mining sectors.

With nearly 3 decades of domain experience in manufacturing of customized industrial components and consumables, especially in reverse engineering of high precision parts with Ferrous and Non Ferrous Metals.

Star Premium Products delivers business value across the entire engineering lifecycle.

As per client's project requisite, we provide imported high grade steel products and other exotic metals directly from European Steel mills to manufacturing units located in India. We also deal with providing services like FEA Analysis for mechanical components including fabrication and machining, Hard face welding like Stellite 6, Stellite 1 and Stellite 21 and weld overlay with Alloy 625.



Our USP

What makes STAR PREMIUM PRODUCTS your best option

- Proven expertise in process industries in global arena in engineering solutions, technological innovations & solutions for plant technical issues, reverse engineering of equipment, design analysis and improvements, productivity enhancements, best plant upkeep, down time reductions, wastage preventions.
- In house design team with rich proven expertise of several decades for guidance on plant mechanical issues and recommending technical solutions for mechanical upgrades.
- Design & Analysis team with latest tools & fixtures, for regular site technical visits, Plant health checks & efficiency enhancements.
- End-to-end solutions right from study, analysis, design, recommend, manufacture, supply, commission, quality assurance of plant mechanical systems & upgrades.
- Manufacturing facility for precision machined components with close tolerances.



Our USP

What makes STAR PREMIUM PRODUCTS your best option

- In house stringent quality standards for manufacturing, inspection and quality assurance to ensure zero customer complaints.
- Specialized in machining of exotic steels like Duplex, Super Duplex, Alloy K 400, Alloy K 500, Alloy 625, Alloy 725
- We provide extended services; Design and manufacture of precision tooling and assemblies.
- We maintain global benchmark standards to ensure the highest level quality and productivity.
- Manufacturing of tools and equipment for Offshore, Oil & Gas, Cement and Mining industries for assembling, testing, measurement and work holding applications.
- We can provide for third party inspection of our products from reputed agencies such as DNV-GL, Bureau Veritas & Llyods Register as per end user requirements.
- Machined Components for all engineering applications.
- Tie ups with logistics companies for delivering the goods across the globe.
- Intrinsic value & commitment to deliver right product at right time with right price.



Quality Control

We at Star Premium take the Quality factor very seriously, which is why we have our 8 step Quality Check process which makes sure that our products are tested in and out so that our customers get nothing but the best products of Industrial grade of the highest quality.

1. Raw Material Receipt

All the incoming raw materials come along with a metallurgical test report.

2. Internal Testing

A Quality check number is issued to every material procured, which then undergoes testing like the Visual, PMI, Macro Etch test, Dimension, Surface cracks, durability etc.

3. Material Control Card

After a thorough quality test, a Material Control card is issued which shows the balance quantity of material against each material and also contains work orders in which the material from a specific Quality number is used.

4. Order Route Card

Upon receiving an order, an Order Route Card is made for each item, which specifies the Order Number, Delivery Schedule, Mechanical & Dimensional requirements, Quality number and an inspection sheet to be checked in every stage of manufacturing.

5. In Process Inspection

During the manufacturing stage, test plans and inspections that clearly specify the parameters, criteria, instruments, sampling frequency, formats to make sure the quality of the product is maintained.

6. Mechanical Testing

Samples are taken as per the QAP/ Test Plan from the In process Inspection and testing for hardness, impact, tensile strength is done.

7. Final Inspection & Packing

Once the product clears all the tests, satisfies the quality aspect and the specifications, the final visual inspection is done and packaging of the product is carried out.

8. Issuing Test Reports

Final test & quality certificates are issued for easy tracability of the products.



ISO 9001 : 2015 CERTIFICATE



Certificate

**Breakthrough Management Quality Registrar
(BMQR)**

Certifies that the Quality Management System of

STAR PREMIUM PRODUCTS

No: 36, F4, 5th Main Road, Nanganallur, Chennai - 600 061,
Tamilnadu, India.

has been assessed and found to be in accordance with the requirements of the quality standards

ISO 9001:2015

for the following scope of certification

**DESIGN, MANUFACTURE, SUPPLY AND EXPORT OF MACHINED PARTS AND
COMPONENTS FOR ENGINEERING INDUSTRIES**

*Further clarifications regarding the scope of this certificate and applicability of ISO 9001:2015
requirements may be obtained by consulting the organization.*

Original Certification Date : 23/03/2021
Current Certification Date : 23/03/2021
First Surveillance Due on : 22/03/2022
Second Surveillance Due on : 22/03/2023
Certificate Expiration Date : 22/03/2024

Surveillance Audit

Due on : 22/03/2022
Due on : 22/03/2023

*This certificate is valid
Future dates needs to be completed.*



Certificate No: **AB09IS214331**



For BMQR

No: 5, 2nd Floor, Sethiyamooty Road, Thiruvalluvar Nagar, Tirumangalam,
Arava Nagar West, Chennai - 600 040, Tamilnadu, India.
Email: info@mqr.com Web: www.mqr.com
PIN - 604-2512502

This certificate will remain valid only if the certificate holder complies with the requirements of the ISO 9001:2015 standard. The certificate holder must ensure the quality of products produced by a Quality System.
This certificate is issued based on the information provided by the client. The certificate holder must ensure the quality of products produced by a Quality System.
This certificate is the property of BMQR (Certification Pvt. Ltd.) and is not to be re-used or copied.



Products

FLANGES

Flanges are used to connect pipes, valves, pumps, equipment in various Piping Systems. Flanges are of types – Weld Neck Flange, Slip On Flange, Blind Flange, Slip On Flange, Lap Joint Flange, Threaded Flanges, Reducing Flange, Orifice Flange and available in different grades and materials as per the needs of the client.

SIZE : 1/2" (15 NB) TO 48 " (1200 NB)

CLASS : 150 LBS, 300 LBS , 600 LBS , 900 LBS, 1500 LBS, 2500 LBS

STANDARDS : ANSI B16.5, ANSI B16.47, MSS SP44, ANSI B16.48

FLANGE FACE TYPE : FLATE FACE (FF), RAISED FACE (RF), RING TYPE JOINT (RTF)

MATERIAL OF FLANGES

STAINLESS STEEL FLANGES
SUPER DUPLEX STEEL FLANGES
NICKEL ALLOY STEEL FLANGES

DUPLEX STEEL FLANGES
CARBON STEEL FLANGES
ALLOY STEEL FLANGES



SORF FLANGE



SWRF FLANGE



BLRF FLANGE



THREADED FLANGE



WNRF FLANGE



LAP JOINT FLANGE



REDUCING FLANGE



ORIFICE FLANGE



Products

Product Highlights



Impeller



Conveyor Chain Wheel



Shaft Sleeves



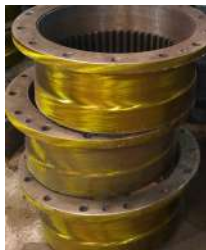
Couplings



Conveyor Rollers



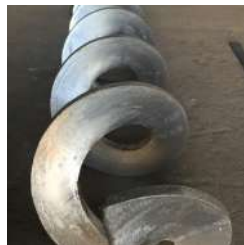
Pulley



Geared Couplings



Drive Pulley



Screw Type Blade



Products

Product Highlights



Nickel Al Bronze Column Pipes



Grinding Media Balls



Ball Mill Liners



Diffuser in SS410



HCHCr blow bars



Diffuser in SS410 steel



HT Liner Bolts



Flexible Coupling as per API 610



Nickel Al Bronze Clamps



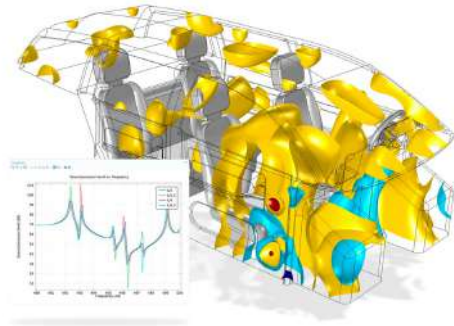
Workshop Images



Services

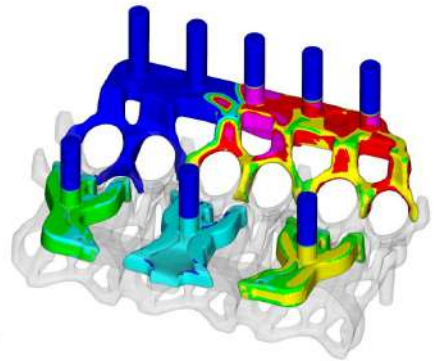
DESIGN ANALYSIS

We Offer Our Best services in Acoustic and Vibration Analysis our services are Machine Vibration & Stability Analysis, Surface Aerodynamic Vibration Analysis, Dynamics Vibration Analysis, Tools Vibration Analysis, Pipe and valve Fluid Flow Vibration and Acoustic Analysis & Etc.,



Acoustic & Vibrational Analysis

Star Premium offers best services in Casting Flow Analysis such as Metal Casting Simulation (Casting Flow Analysis), Metal Flow Study of Gravity Die Casting and Sand Casting, High and Low Pressure Die Casting Flow Analysis, Investment Casting Flow Analysis, Evaporation-pattern casting Etc.

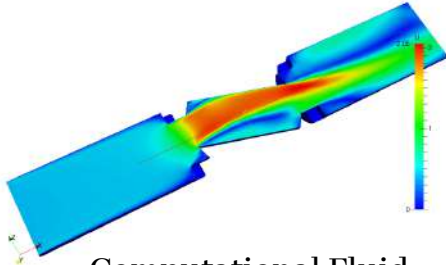


Casting Flow Analysis



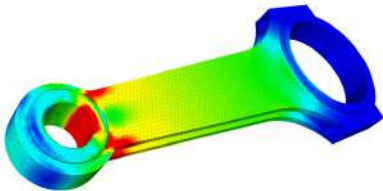
Services

DESIGN ANALYSIS



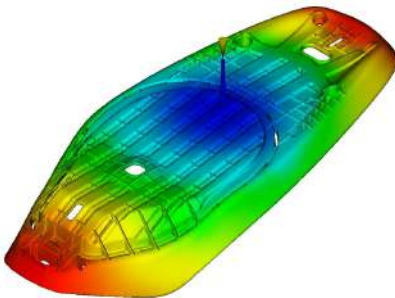
Computational Fluid
Dynamic Analysis

Computational Fluid Dynamics Analysis (CFD) Services includes Flow Study of Pumps and Valves, Flow Analysis of Turbine, Blowers, Heat Exchanger, CFD of Solar Panel, Structural Stability Analysis, Chimney Flow analysis, Aerodynamic Analysis, Enclosure Cooling Analysis.



Finite Element Analysis

Automotive(Vehicle) Crash Analysis, Fluid Flow (Hydraulic & Pneumatic Test), Hyper-Elastic Material Analysis, Fatigue & Buckling Analysis, Multi Body Dynamics Analysis, Shock and Drop Analysis, Structural Analysis



Mold Flow Analysis

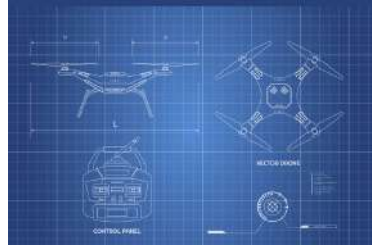
Gate position optimization, Weld Line Location Study, Number of Gates Analysis Study, Flow Analysis Study, Solidification Analysis Study, Wrapage & Shrinkage Analysis Study, Material Database Creation, Researchers/Scholars.



Services

ENGINEERING DRAWING

Product Design includes services like the Concept Product Development, Prototype Model Product Development, Complete Manufacturable Product Development including Electrical Integration & Machine Design.



Product Design

Machine Design Services include Concept Design, Detailed 3D Design, Detailed Drafting, Final Rendering, Working Animation, Special Purpose Machines, Assembly Press/ Servo press, Assembly and test rigs, Riveting Machines, Leak Test Equipment



Machine Design

Enclosures for IP 65/IP 66/IP 67, USB, Medical Enclosures, Arduinos, Wearables, Wired Enclosure, PCB, Electronics, Portable Instrument Enclosures, Raspberry Pi Enclosures



Enclosure Design



Our Esteemed Clientele



FAQ

We are happy to answer any queries you might have

What products can Star Premium deliver?

Star Premium Products can deliver high precision engineering components, assemblies and special fixtures, tools, special equipment and any metal components as per customer's drawings & specification. We have AutoCAD & SolidWorks software for drafting and designing customers products.

What type of company is Star Premium Products?

Star Premium Products is engineering solution provider, primarily exports engineering components and products to Middle East region from India.

What are mechanical services that customers can obtain from Star Premium Products?



- *Casting & Forging in steel, iron, ductile iron and aluminum.*
- *Turned parts from CNC machine.*
- *Fixtures and Equipment.*
- *Prototyping and Reverse engineering.*



FAQ

We are happy to answer any queries you might have

Are there any other services that Star Premium Products can offer?

Yes. Star Premium Products can represent the buyer locally. Follow up with the suppliers & inspect and clear the parts & guarantee the quality before it is dispatched from buyer's supplier location, on behalf of buyers.

How to get quote from Star Premium Products to meet your requirements?

Send your enquiry or RFQ with drawings and material specification indicating the quantity & delivery date required. You can send us mail to info@starp2.com or junaid@starp2.com. You can also reach call us @ +91-99405 46336 for discussion.



Star Premium provides products that serve in the critical application areas



Desalination Plant



Electricity



Mining



Oil & Gas



Offshore



Gas Pipeline



Steel Mills



Cement



Nuclear Power



Defense



Automobiles



Thermal Power

STAR PREMIUM PRODUCTS

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