



About Engineering Department



Working with our partners at our worldwide hubs, we plan, supply and optimize process plants and plant components in the chemical, petrochemical industries and power generation as well as plants for research purposes. OSHIDA PETROCHEMICAL PRODUCTS (OSHIDA) covers the full engineering, procurement and construction (EPC) spectrum, combining outstanding technologies with planning and design excellence, starting from feasibility studies right up to delivery. OSHIDA started its activities as an engineering service provider and procurement company in Turkey.

The founder and manager of OSHIDA brought more than 20 years of experience and knowledge in the fields of petrochemical, oil and gas industries within the Company. From beginning OSHIDA developed and expanded to become one stop shop for ever need in Oil and Gas Industries. Now OSHIDA is a complete assistant and perfect partner in almost every field of energy. We are prominent and leading supplier of equipment and technologies to Oil, Gas, Petrochemical and Power Industries. OSHIDA can supply all requirements of an under construction plant or any operating plant in any stage with least price and shortest delivery time utilizing high skills of the procurement department. OSHIDA overseas partner companies and vast list of commitments can help OSHIDA to hasten and simplifying purchase different types of equipment and packages from abroad.

We are a general trading company which have mainly focused on oil, gas and petrochemical industries. The company maintains a large in house data that enables us to quickly source commodities and materials and makes prompt and competitive quotations for any customer requirement with the manufacturer's information and specification. It is always our endeavor to coordinate and deal with reputed manufacturers and factories and to meet the satisfaction in terms of quality as well as price competitiveness of our end user. We are dedicated to providing our customers with innovative solutions and equipment for processing units and pipelines.



Technologies and advantages.

The cooperation with high-performance partners is an important element of our business success. In order to guarantee a high quality of our products and services, we have partnered with outstanding international corporations:

Expertise in steam crackers process makes us capable to run troubleshooting and debottlenecking process including and not limited to the listed experiences in operational plants in Middle East, East Europe and North America;

- Improvement in quench oil, quench water and process water circuits through viscosity and pH control, DMDS, and heat exchanger fouling minimization.
- Spent caustic pre-treatment and caustic/water wash tower performance improvement.
- Improvement in chilling train and demethanization process.
- DeC2, DeC3 and DeC4 area performance improvement.
- Reduction in power consumption of ethylene and propylene refrigeration cycles.

We have recent references for process engineering projects in Europe, North and South America as well as in India and Russia and can advise with our expertise on the right technologies, equipment and solutions that best match project, targets and budgetary allowances. Our clients include among others chemical, petrochemical and refinery industries, fertilizer manufacturers, paper and sugar mills, power plants and food processing facilities. We primarily focus on emerging markets in BRICS states.

Products & Solutions:

- Engineering, consulting and project management
- Basic and detailed engineering
- Front-end engineering design (FEED)
- Feasibility and concept studies
- Revising documents, inventory and documentation
- Procurement, assembly and commissioning
- Sampling systems and analysis
- New planning and rebuilds (revamps)
- Process and operation optimization
- Flow and process simulations
- Research, process development and pilot plants

Core competencies:

- Clean and renewable energy projects
- Water treatment
- Adsorption and membrane plants
- Energy and environmental technology
- Air quality, pollution control and abatement
- Chemical, petrochemical and refinery plants
- Nitrogenous fertilizer plants
- Biogas plants for organic waste
- Water-steam cycle in thermal power plants
- Plant components and modules
- Turnkey solution provider

Our growing and diverse client base is a testament of our ability to conceptualize, manage and deliver high value & complex projects to the clients' satisfaction. We worked in partnership with its customers nurturing relationships by providing high quality services focused on delivering & adapting to meet client expectations. These long lasting relationships and our long term contracting model has been the basis on which we have maintained a healthy and stable revenue stream.