

## **Core Business**

- Pressure Vessels Heat Exchangers, Columns, Reactors, Piping
- Materials of construction Tantalum, Titanium, Zirconium, Hastelloy, Niobium, Explosion Clad materials
- Equipment to 14 feet (4300mm) diameter
- PTA, Acetic Acid, Nitric Acid, Sulfuric Acid, Chemical, Petrochemical, Bio-Diesel, Pharmaceutical, Steel Industry -- Anywhere corrosion is a problem
- Location -- 45 miles North of Los Angeles, 12 miles from the Port of Hueneme for ocean freight shipments



## Manufacturing

- Fully integrated manufacturing
- GTAW welding with specialized purge procedures
- 200 Sq. meter clean room
- 75 ton lifting capacity
- CNC waterjet, 2100mm x 3000mm CNC drilling, plant wide Argon system.
- All projects handled by an experienced Project Manager, One point contact for the customer



# Engineering, Quality

- HTFS, BJac Thermal design
- Solidworks, AutoCad for drawings
- PVElite Vessel and Column design
- CodeCalc for calculations
- ASME, PED, Chinese SQL, AD2000



## Reputation

- World's largest Tantalum equipment manufacturer
- 17 years average managerial experience level on reactive metal design and fabrication
- Many industry-wide design and quality standards were developed by TITAN employees
- Innovative mechanical design, highest quality equipment and market leading thermal design

## Tantalum Lined Column, 90 foot long. The largest single chamber Tantalum lined vessel ever fabricated.

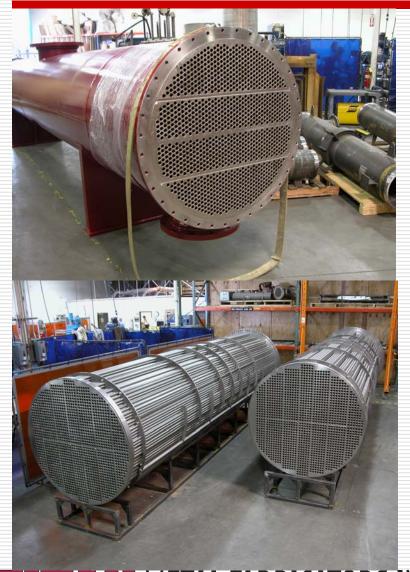


#### Various PED Titanium Equipment for Bio-Diesel Production





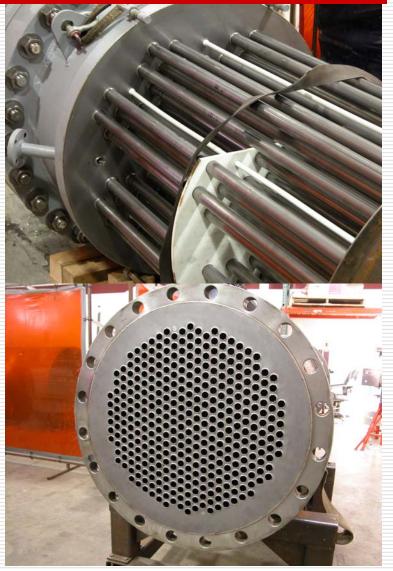
#### **Titanium and Zirconium Heat Exchangers**





#### **Tantalum Heat Exchangers**





#### **Plant Pictures**



