

What We Offer:

BYIS is the company to contact for the supply of parts and component equipment used in all phases of exploration, production, and the refining of oil for both onshore and offshore projects.

BYIS should be on your bidder's list! We can properly locate your most difficult and hard-to-find components.

BYIS is much diversified and, as a result, can offer one stop service for a wide variety of components.

BYIS is continually striving to maintain three (3) goals:

1. Quality
2. On-Time Deliveries
3. Competitive Pricing

These goals are critical for satisfying our customer needs and in staying abreast of the ever-changing oilfield market.

BYIS can assist in the following areas:

Engineering Services - our experienced engineering design team can adapt your existing prints or specifications as required.

- . Instrumentation and Control Systems
- . Structural
- . Electrical
- . Mechanical Design to ASME Code, ANSI, AWS, NFPA
- . Retrofit and Rebuild
- . Control Systems
- . General Repair and Troubleshooting
- . Emission Control Systems
- . Steam Distribution Piping Systems
- . Steam Quality Testing

BYIS offers the following office technologies:

- . Experienced at handling international accounts (See Client List)
- . We have supplied equipment around the world (See Foreign Steam Generator List)
- . Blueprint Reproduction
- . Auto Cad Plotter
- . Service available around the clock

BYIS manufactures heat transfer equipment, including steam boilers, steam generators, waste heat boilers and heat recovery steam generators.

BYIS is the world's most respected manufacturer of Steam Generators used for thermal enhanced oil recovery.



8116 East Highway 166
Arkansas City, KS 67005
Phone: (620) 221-4603
Fax: (620) 221-4637
Email 1: byisoffice@cox.net
Email 2: byoungcon@cox.net
www.byis-mfg.com



Serving the Petrochemical, Construction, and Process Industries

- Structural Fabrication
- ASME Code Welding
- Replacement Parts
- Field Service



**SIMPLIFYING
ENHANCED
OIL
RECOVERY**

consulting
sales
Installation
support

BYIS PROCESS HEATERS:

BYIS has built over 1,000 direct fired process heaters. The majority of these being of the cylindrical radiant – convection design. The design of the heater is dependent upon the specific application.

A sampling of the different designs is as follows:

- . Once Through steam generators for mining and oil recovery
- . Steam Super heaters
- . Acetic Acid Pyrolysis
- . Propane Cracking Furnaces
- . Titanium Tetrachloride Vaporizers and Super heaters
- . H2S Incinerators
- . Crude Oil Heaters
- . Coker Feed Heating

As a part of a continuous improvement effort we draw on the performances of the equipment in the field to check and verify the design practices.

BYIS THERMAL FLUID HEATERS:

These systems are designed to provide high temperature heat at low pressure to a large variety of down-steam equipment. Heaters provided have used every type of heat transfer fluid available. Size of the equipment has varied from 3.0 million btu/hr to 121.0 million btu/hr.

The heaters can be either horizontal or vertical and use a serpentine or helical coil depending upon the application. The heaters can be of radiant – convection type or convective type.

BYIS THERMAL OXIDIZERS:

Thermal treatment of waste has become the best method of disposing of undesirable waste. BYIS offers a line of equipment to dispose of waste gases and liquids.

BYIS ANCILLARY COMPONENTS:

BYIS offers standard and custom design components for every piece of high temperature heat transfer system. BYIS offers not only the components for a new system, but we are available for plant modernization, increase in capacity, and state of the art emissions control systems and efficiency improvements.

BYIS Ancillary Systems that can be supplied are:

- . Thermal fluid pumping and piping systems.
- . Combustion air preheaters
- . Waste heat recovery boilers
- . Expansion tanks and separators
- . Control Panels
- . Air Cooled exchangers
- . Pre-piped and wired fuel system

Since the heaters come in all sizes, from skid-mounted units to field-erected models, BYIS tries to modularize the equipment to minimize the field erection time and costs.

Bradley W. Young – President:

Mr. Young has more than 20 years of experience in the supervision of fabrication of heat transfer vessels. In addition, he is a Certified Welding Inspector (CWI).

William W. Young – Consulting Engineer:

Mr. Young is a registered professional engineer and has extensive credentials in heat transfer design and manufacturing. He has held engineering positions for three major companies in related fields before forming his own manufacture and design company in 1990. He is one of the industry leaders in the area of thermal enhanced oil recovery and is partially responsible for the development of the modern steam generator. Mr. Young has regularly presented papers and served as course leader for steam injection processes.

BYIS is actively involved in steam generator operation worldwide. Major equipment has been supplied to Africa, Argentina, Brazil, Canada, Colombia, Egypt, France, Indonesia, Kuwait, Mexico, Philippines, Russia, Trinidad, Turkey, Venezuela.



BYIS Clients List:

Air Pol
Air Products
Amerada Hess
American Schack
Ashland
Ashland Chemical
AUS/Chevron
Bankers Petroleum
BASF
Berry Petroleum
BreitBurn Energy
Buffalo Tech
Caltex
Carrizo Oil
Cenovus Energy
Cenovus FCCL
Central Prod.
CEP
Chang Chun
Chanute Manufacturing
Chemtex
Chevon Oil
Chiyoda
Citation Oil & Gas
Colt Energy
Combustion Controls
Compression Power
Conoco
Coors
CorITS
Creekstone Farms
Crimson Resource
D&K
Delhi Gas
Demunno/Kerdoon
Doswell
Dow Chemical
Dupont
Eastman Chemical
Encore Energy
Energy Plus
ENX Mexico
Epsol Energy Group
ESYS Energy Group
Evergreen Oil
Evergreen Oil/RGP
First Thermal
FK Ibrahim/GEMSIL/Ram
Fluor Daniels
Foster Wheeler
FuelCell Energy
Gemsil
Georgia Gulf
GTS Energv

HTH Heatech
IKPT Amerada Hess
Indeck
ITM/Saxon
Johnson Mathey
Kentube
Kermia
Kern Cogeneration
Lakeland College
Ludena
Matsusaita
ME/Thermax
Mead Westvaco
Mega West Energy
Mega West/Mead Wesvaco
MegTec
Metallix Refining
Mobil Oil
NEM
Neuvo
Nigerian Government
Nobel Oil Company
Occidental Petroleum
Oilwell Services, Mexico
O'Lein Recovery
Olein Recovery Corp
Olin Chemical
Oman Petroleum
Omimex
Ormatt Energy
Oxychem
P.T. Orbit
P.T. Orbit - Indonesia
Paulsborough Feed
Perenco
Pet Mex
PetroAndina
PetroBras America
PetroSwab De Mexico
Plains Exploration
Prista Recycling, SA
Progauge
PSC
PT Sanggar Sarana
PTSSB/Vico
Reliance Energy
RGP Engineering
RGP/Saskatoon
Richardson Oil
Riley Stoker
Schuller
Scimitar Production Egypt
Scout Energy
Seneca Resources

Solar Turbines
SSB
Struthers Wells
SWC/Chemtex
SWC/Sakra
SWC/Saudi Industries
Tatweer Petroleum
Technosteam
Techno-Steam
TEI Struthers
TEI Struthers/AZ Chem
TEI Struthers/BOC
TEI Struthers/Cove Point
Texaco
Tideland Oil
Torch Operating
Trintec
United
United Refinery
Vogt-Nem
World Wide

Foreign Steam Generator Locations:

Africa
Argentina
Bahrain
Brazil
Canada
China
Colombia
Egypt
France
Indonesia
Kuwait
Mexico
Philippines
Russia
South America
Suriname / Canada
Trinidad
Turkey
Venezuela

Domestic Steam Generator Locations:

Arkansas
California
Kansas
Kentucky
Missouri
Oklahoma
Texas
Wyoming

