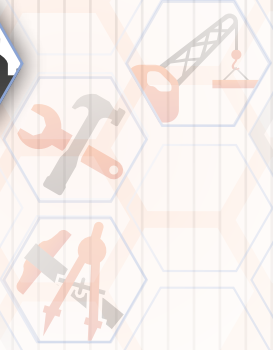


**Roberts**  
The Roberts Company

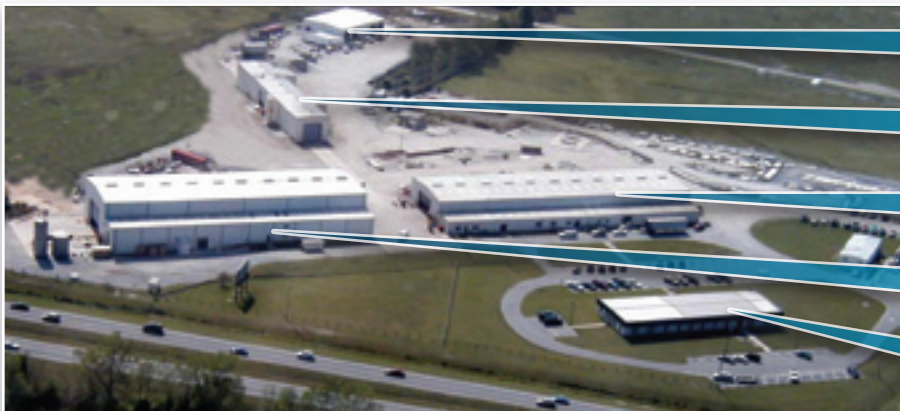
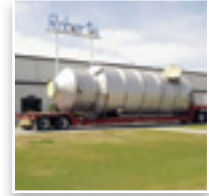


# FABRICATION



## THE ROBERTS COMPANY CUSTOM FABRICATION SERVICES

- **Providing custom fabrication services since 1986 for:**
  - High alloy, complex products
  - CS/SS vessel, heat exchangers & tanks
  - Field installation of fabricated products
  - Surface preparation and coatings
  - Process skids and modules
  - Piping



MAINTENANCE

PAINT & BLAST

FABRICATION

ASSEMBLY

ADMINISTRATION

SAFE / RELIABLE / CREATIVE / COMPETITIVE

# FABRICATION



## SAFETY & ENVIRONMENTAL COMMITMENT

- SAFETY COMMITMENT
  - We are 100% committed to safety. No task or deadline takes precedence over the safety of our employees.
  - Corporate Values: Safety is ALWAYS #1!
- Think, Demand, and Deliver Safety in ALL Aspects of our Business
  - Corporate Safety Goals
- Zero Injuries
- Zero Accidents
- Zero Tolerance
- Responsibility to Environment

## FABRICATION QUALIFICATIONS/CERTIFICATIONS

- ASME Boiler and Pressure Vessel Codes
  - "U" - Unfired Pressure Vessels Section VIII, Division 1
  - "S" - Power Boilers, Section 1
- The National Board of Boiler and Pressure Vessel Inspectors code
  - "R" - Boiler & Vessel Repair & Alteration
- API 620, 650 and 653
- AWS D1.1
- ASME B31.1 and B31.3
- TEMA B, C, R
- AWWA



Plate roll forms up to 3.5" thick plate, 10' wide



Automated manipulator overlaying nickel alloy



Continuous coil



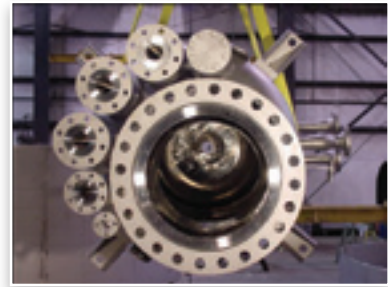
Continuous coil installation

## FABRICATION



### MATERIAL EXPERIENCE

- Stainless Steel (300, 400 series, 904L)
- Duplex (2101, 2205, 2109)
- Ni alloys (Hastelloy™ C2000, C276, C22, B2, B3, G30, 230, HR120)  
(Inconel™ 600, 622, 625)  
(Incolloy™ 800)
- Titanium (G2, G7)
- 6% Molybdenum (AL6XN, 25-6 MO, 254-SMO)
- Monel™ 400, Nickel 200
- Chrome-Moly P11, P21, P22
- Jessup™ 700
- ZeCor™
- SX™
- Carpenter™ 20
- Clad/Bonded Materials



**Member of Materials Technology Institute (MTI)  
serving on Duplex Alloy Microstructures Committee**

### QUALITY CONTROL PROGRAM

- ASME accepted QA/QC program. Our program may be enhanced to accommodate our client's specific project or supplementary codes and specifications changes.
- Over 500 weld procedures qualified under Section IX of the ASME Boiler and Vessel Code
- Over 75 ASME qualified welders
- In-house Level 2 RT, PT, MT and UT
- Iridium-192 and Cobalt-60 radioactive sources



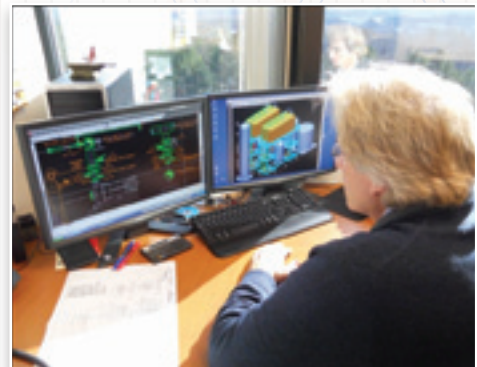
# FABRICATION



## FABRICATION ENGINEERING & MANAGEMENT SOFTWARE

### ENGINEERING SOFTWARE

- AutoCAD 2011®
- Compress® build 6259 multi-dimensional design
- Algor® finite element analysis
- AutoPLANT 3D®
- B-JAC™ Thermal design capability



### PROJECT PLANNING AND MANAGEMENT

Project planning is the key to every successful project. Our management personnel ensure higher quality, quicker response time and greater customer satisfaction.

### PROJECT CONTROL TOOLS

- Scheduling Software
  - Microsoft Project®
  - Primavera P6®
- Cost Control & Accounting Software
  - Viewpoint V6® fully-integrated accounting, operations, and project management data software application



### ESTIMATING METHODS AND TOOLS

- In-house customized database is designed for the unique products we manufacture
- Historical job cost database with actual productivity and cost data collected over 20+ years

**SAFE / RELIABLE / CREATIVE / COMPETITIVE**

## FABRICATION



### INDUSTRIAL COATINGS

- Qualified coatings specialist trained by the Society for Protective Coatings (sspc)
- Member of National Association of Corrosion Engineers (nace)
- Climate controlled abrasive blast and coating facility
- Broad range of high high quality specialized industrial coatings and paint products.
- Emergency repairs or major projects
- Providing clients value engineering to coatings solutions



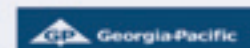
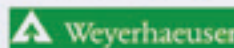
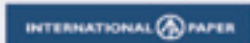
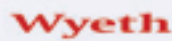
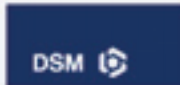
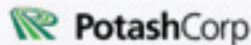
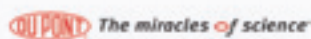
### THE ROBERTS COMPANY MISSION STATEMENT

"We strive to be the best industrial constructor/fabricator in the Southeastern United States. Our commitment is to exceed our clients' expectations in the areas of safety, quality and performance"

Chris Bailey, P.E.

President/CEO

### OUR CLIENTS

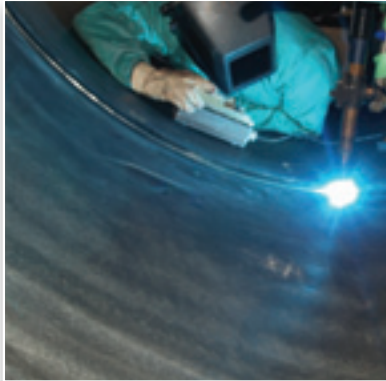


SAFE / RELIABLE / CREATIVE / COMPETITIVE

# FABRICATION



## FABRICATION GALLERY



Automated GMAW of Clad Nickel Alloy for duplex reactor



Overlay clad nickel alloy cover pass for duplex reactor



Duplex reactor fabrication for shipment and installation



100-Ton Reactor Fabricated and Shipped by The Roberts Company



Equipment job site insulation and stairway installation



Lift plans, heavy rigging, and equipment installation

**SAFE / RELIABLE / CREATIVE / COMPETITIVE**

# FABRICATION



## FABRICATION GALLERY



Top section of fabricated 10' diameter x 200' tall 904L column delivered to the job site



Greenfield sulfuric acid plant fabricated & constructed, Nov. 2010



Sulfuric Acid Plant under construction—Towers fabricated and erected by The Roberts Company



Plant expansion completed in six months, start to finish. The Roberts Company provided engineering, fabrication, and construction.



Plant at 50% status with completed alloy towers



4500 TPD Sulfuric Acid Plant Featured in *Sulfuric Acid Today* Magazine

## FABRICATION



### FOR MORE INFORMATION CONTACT

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