Jaeger Products, Inc Reactor Internals

- For the last 10 years Jaeger Products, Inc. has been fabricating reactor Internals with a majority of these internals belonging to the Hydroprocessing class of internals as well as other types of reactor internals

- Jaeger is the largest Reactor Internals fabricator in the Americas

- While most Reactor Internals projects require 9 months to 2 years to fabricate, Jaeger’s typical lead times are 6 months or less. As proof of our fast pace expedite capabilities, the photo below is an example of a 16 foot diameter hydrotreater with 3/8 inch thick tray flour and 1 inch thick “I-Beams” which were designed and fabricated in 10 days from the time of order placement to the time it was shipped. A major refiner experienced a severe upset which resulted in ruined internals and a desperate need to bring the unit online as soon as possible.

- When the client provides a process design but may lack the mechanical design, Jaeger can compensate by supplying the mechanical design which includes a design layout to provide tray parts that will fit through the tower manway and the structural design to confirm the specified structural strength is accomplished
Jaeger Products, Inc Quality Control and Assurance

- Jaeger’s QA/QC begins even before the order is placed to assure a project where the product is produced to the exact specification and our customers are satisfied with the final product.

- This quality process began with the items outlined below and continues with whatever it takes to insure our customer will come back.
  
  - (ITP) Inspection Test Plan
  - (WPS/PQR) Welding procedures, Welder qualifications, and Weld Maps
  - (PMI) Positive Material Inspection. Jaeger PMI’s all materials when they are delivered, during fabrication and upon final mock assembly
  - (MTRs) Material Test Reports from Steel Mills
  - (NDT) Non-Destructive Testing such as Dye Penetrant Testing for welds and others
  - Complete customer layout drawings for customer approval
  - Structural Calculations
  - Completely detailed Packing Lists
Jaeger Custom Fabricates Proprietary Reactor Internals
For The Following Licensors

• Chevron

• Chevron Lummus Global

• UOP

• Haldor Topsoe

• Shell Global Systems

• AXENS

• Fluor
100 General Product Information
200 Metal Random - RSR
300 Mist Eliminators – Wire Mesh
400 Fractionation Trays and Hardware
450 High Capacity – Nye Trays
475 High Capacity – CoFlo Trays
500 Metal Structured Packing – RSR
525 Metal Structured Packing - MaxPak
550 Plastic Structured Packing – RSP
600 Plastic Random – Jaeger Tri-Pack/Hackentten
625 Plastic Random – RSR
650 Plastic Random – LPR
675 Plastic Random – Nor Pak
700 Plastic Random – Rings and Saddles
800 Ceramic Random Packing
900 Winsorp Software
1000 Process Information
1100 Column Internals
1200 Reactor Internals

Locations / Production Sites
Ludwigshafen and Espenhain, Germany
Houston, Texas
El Dorado, Kansas
And Monterrey, Mexico.

Furthermore we co-operate with reliable partners all over the world

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