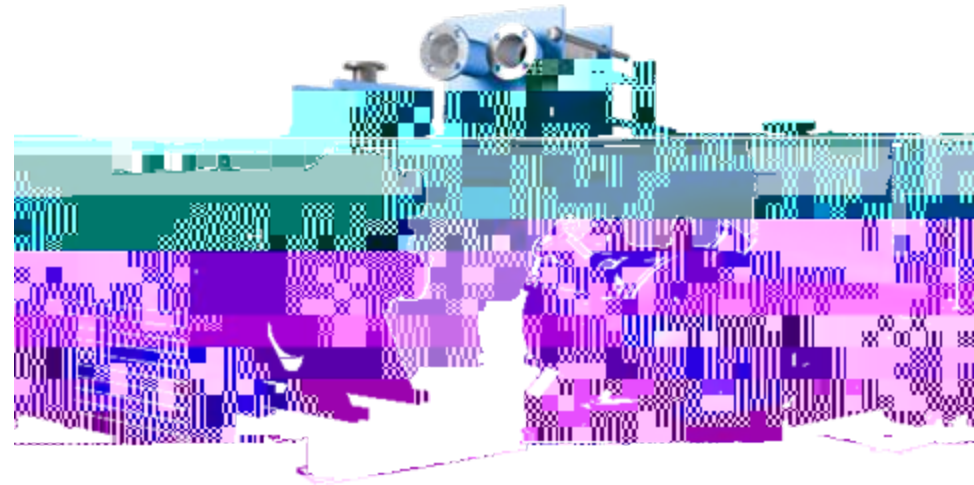




Jody Stonecipher



Tranter Manufactures HE's at Facilities That Best Serve Our Customer's Global Interest!

Global Operations:

Tranter, Inc. USA

Tranter GmbH

Tranter AB

Tranter India Pvt. Ltd.

Tranter, Ltd.

Tranter Ind. e Com de Equip. Ltda

Tranter China

Tranter Mexico

Wichita Falls, Texas

Artern, Germany

Vänernborg, Sweden

Pune, India

Wakefield, England

Sao Paulo, Brazil

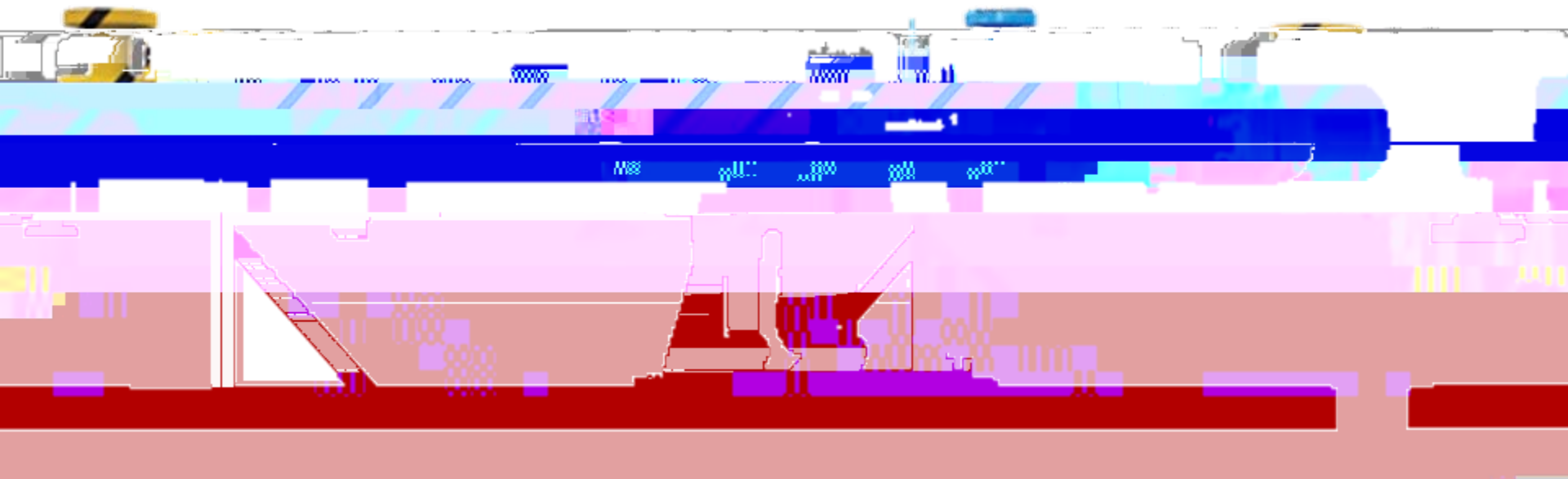
Beijing & Shanghai

Queretaro, Mexico

Each Production facility serves as a sales & service facility
All Facilities adhere to ISO 9001 requirements and can provide local and regional code requirements, such as ASME, CRN, PED, CE, China SQL, etc.

Today's Topic:

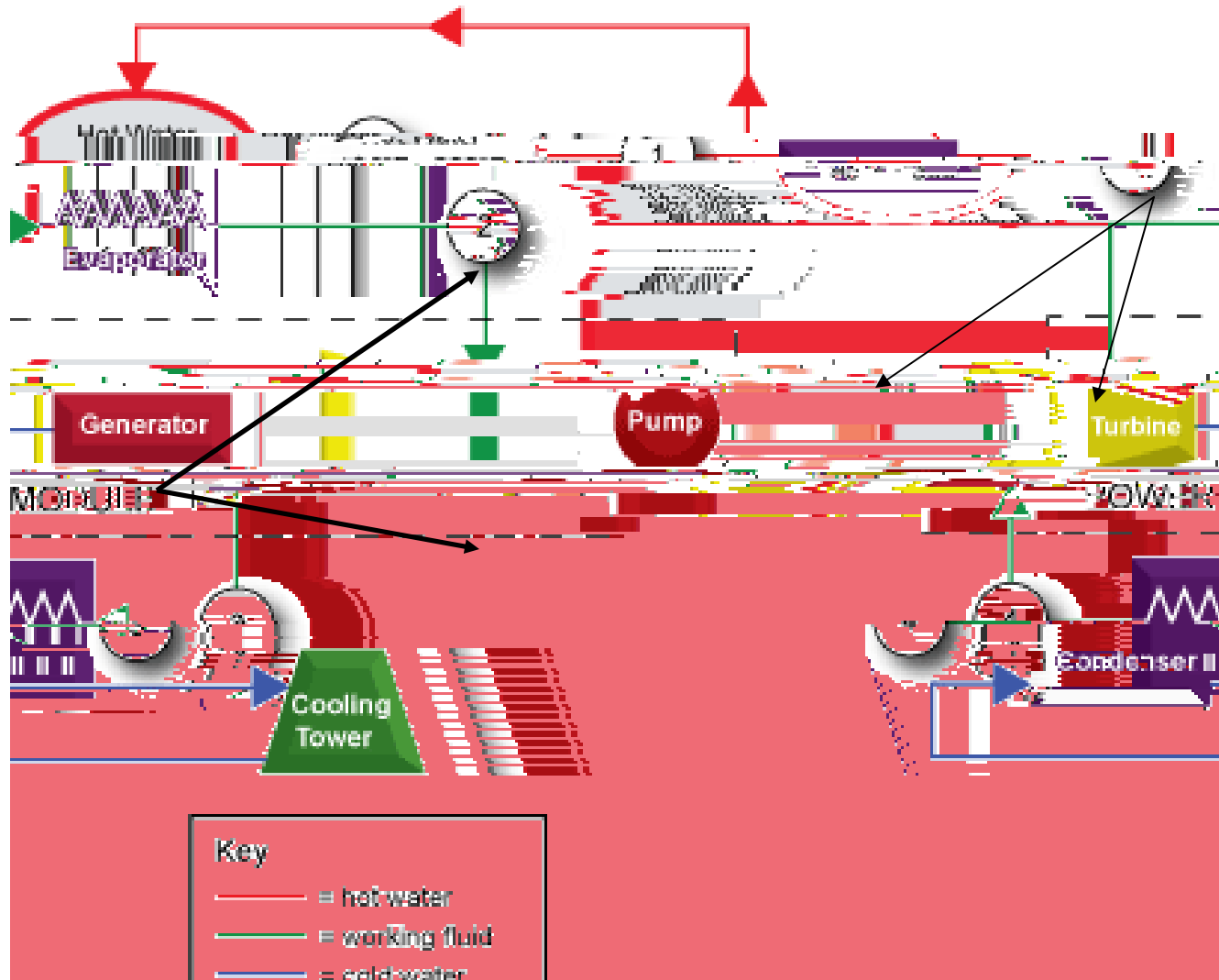
Shell & Tube vs “Shell & Plate”



Shell & Tube Vs Shell & Plate

Potential advantages to analyze:

Common Schematic for ORC Skid

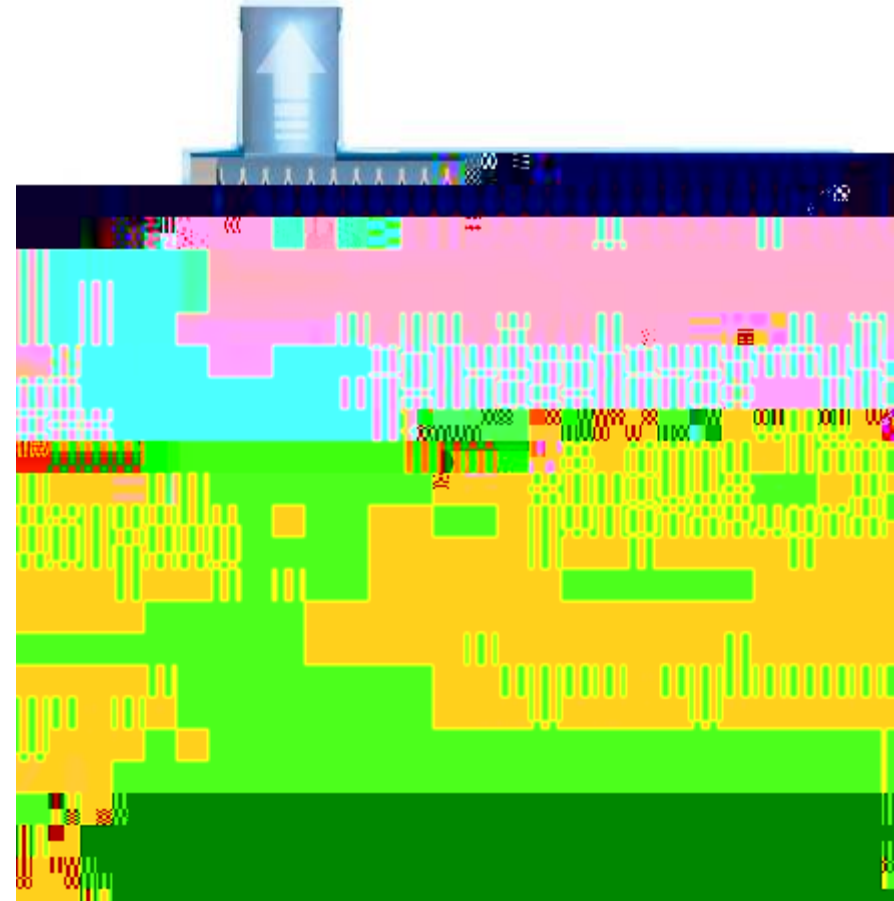
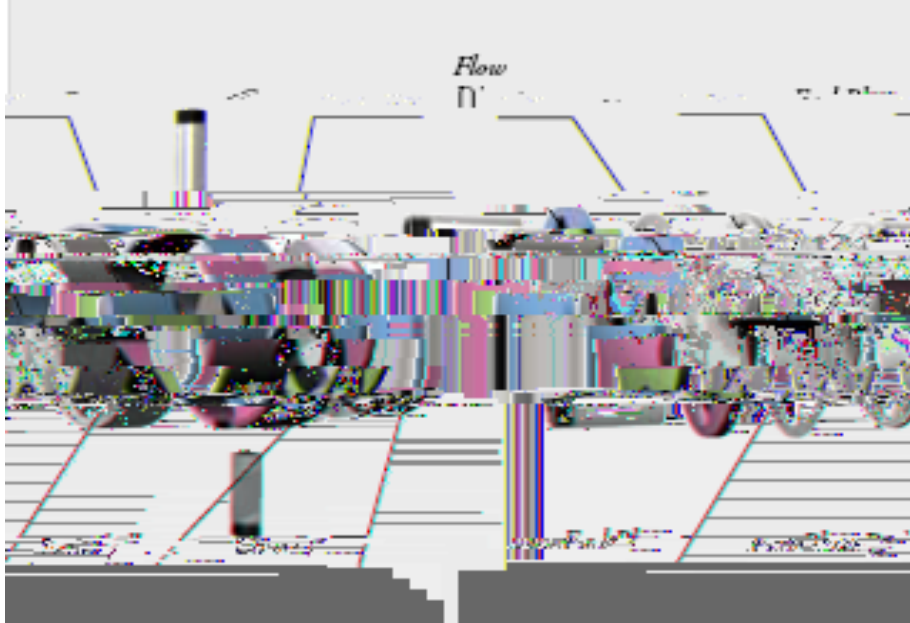




What is a Welded PHE?

- Chevron, dimpled, washboard or virtually any cold-formed plate
-

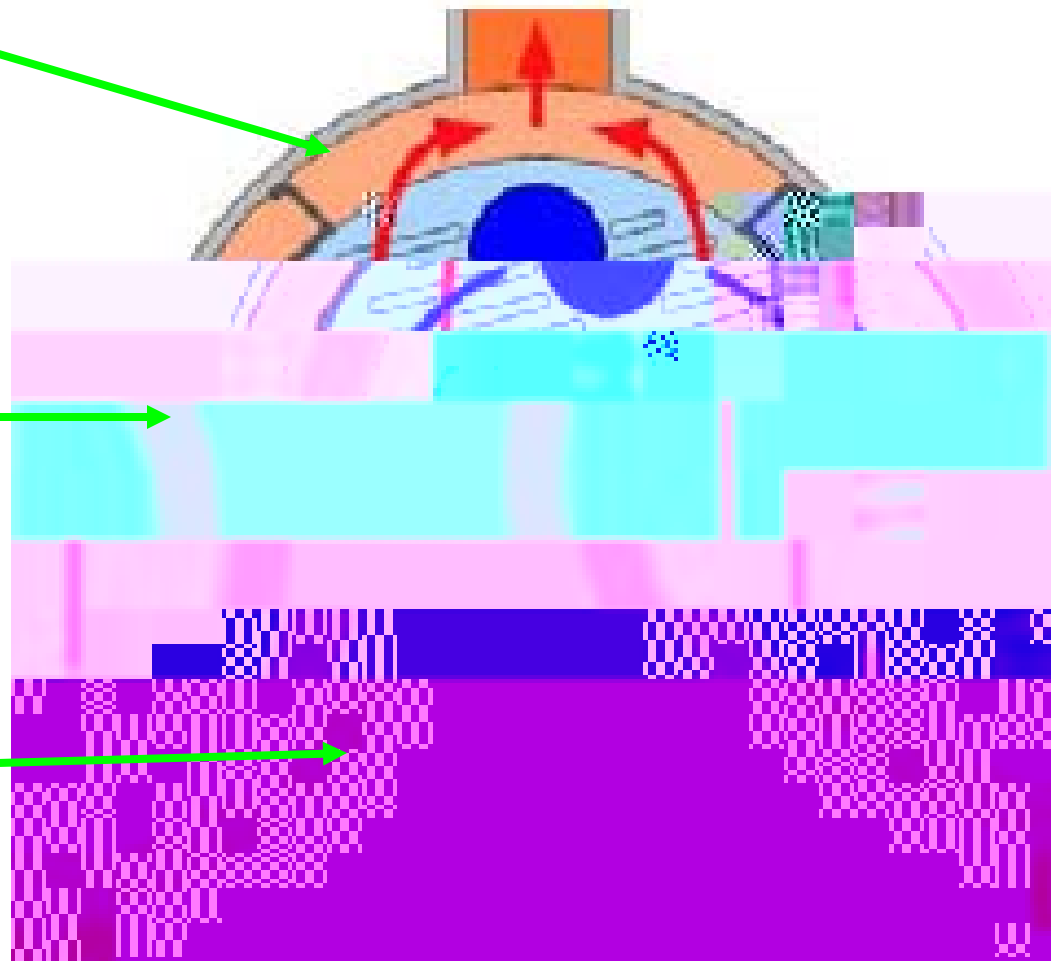
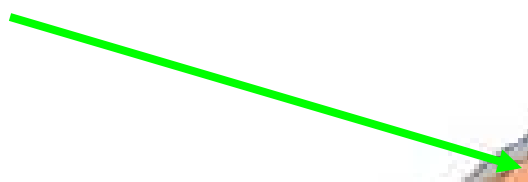
SUPERMAX[®] Features



SUPERMAX[®]

Throat of Plate

* Fluid leaves through the same area



Fluid Diverter*

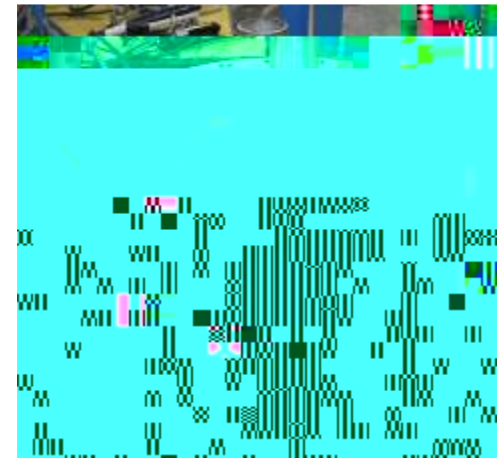
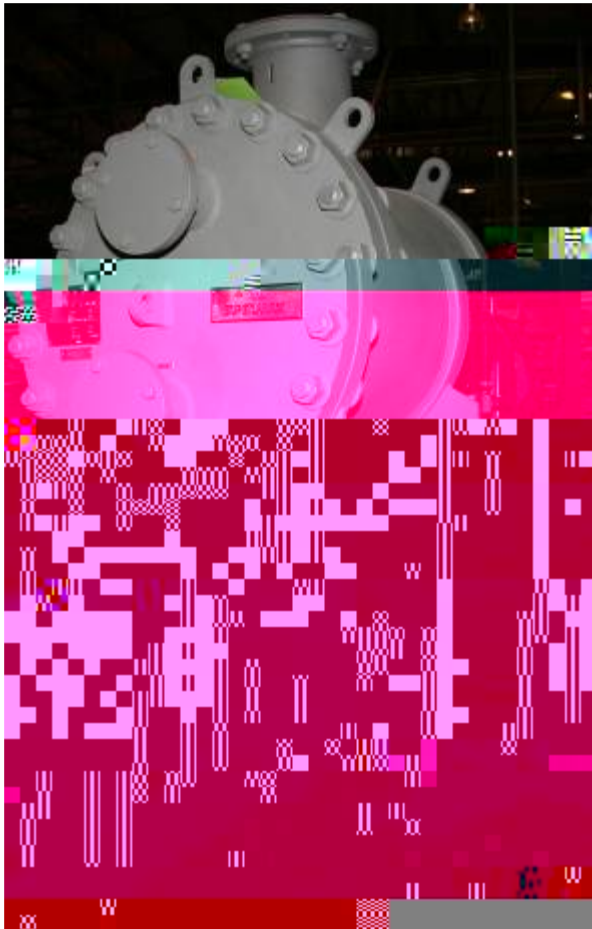


Throat of Plate

* Fluid is forced through this section on the shell side



Removable Core



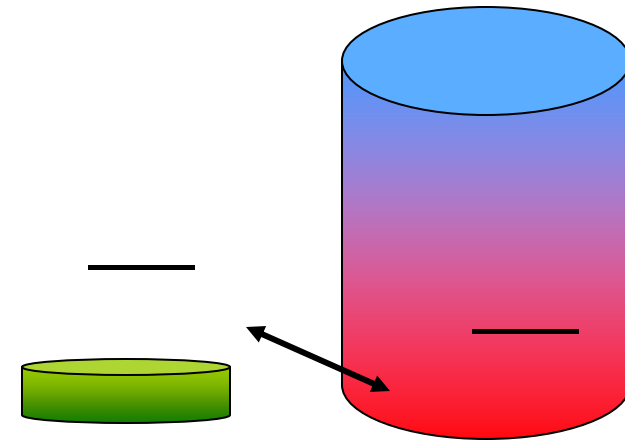
2010 Standard Quotations & Designs



Shell & Tube Vs Shell & Plate

Potential advantages to analyze:

- Refrigerant hold-up volume (\$\$)
- Space & weight for skid layout
- Costs for exotic alloy requirements
- Combine preheater & evaporator – small applications
- Close pinch point / temperature approach
- Tranter company owned service centers



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