



Cherry Point Refinery



Northwest Construction Consumer Council  
*2016 DISTINGUISHED PROJECT AWARDS*



# **NHDS & Reformer Integrity Project**



### Project Background:

- The Cherry Point Refinery was built in 1971
- Refinery crude slates have changed
- Cycle lengths down to six months

### Project Goal:

- Address future gasoline requirements
- Integrity management
- Increased safety
- Operational flexibility
- Energy savings



## Project Execution

- Contributions of hundreds of skilled and talented individuals
  
- We chose contractors due to
  - ❖ Long-term relationships
  - ❖ Successful experience at Cherry Point
  
- Primarily local contractors
  - ❖ Anvil Corporation – Engineering
  - ❖ Diamond B – Major Mechanical
  - ❖ Mills Electric – Electrical/Instruments
  - ❖ PCI – Insulation and Painting
  - ❖ Barnhart – Cranes and Heavy Haul
  - ❖ Safeway Scaffolding – Scaffolding
  - ❖ WRS – Civil Excavation



## Project Stats

- Total Installed Cost (TIC): \$47.7 Million
- Engineering Started March 2013
- Engineering Completed March 2014
- Construction Started March 2014
- Mechanical Completion May 2015

## Safety Performance

- OSHA Incident Rate: Zero
- Lost Work Day Cases: Zero
- Total Hours Worked: 349,091
- First Aids: 19



## Installed Quantities

- Drawing Count – 842
- Data Sheets – 1,005
- Concrete – 482 Cubic Yards
- Steel – 133 Tons
- Equipment – 12 Items
- Pipe – 7,065 Feet
- Electrical – 20,135 Feet
- Instrument Count – 309











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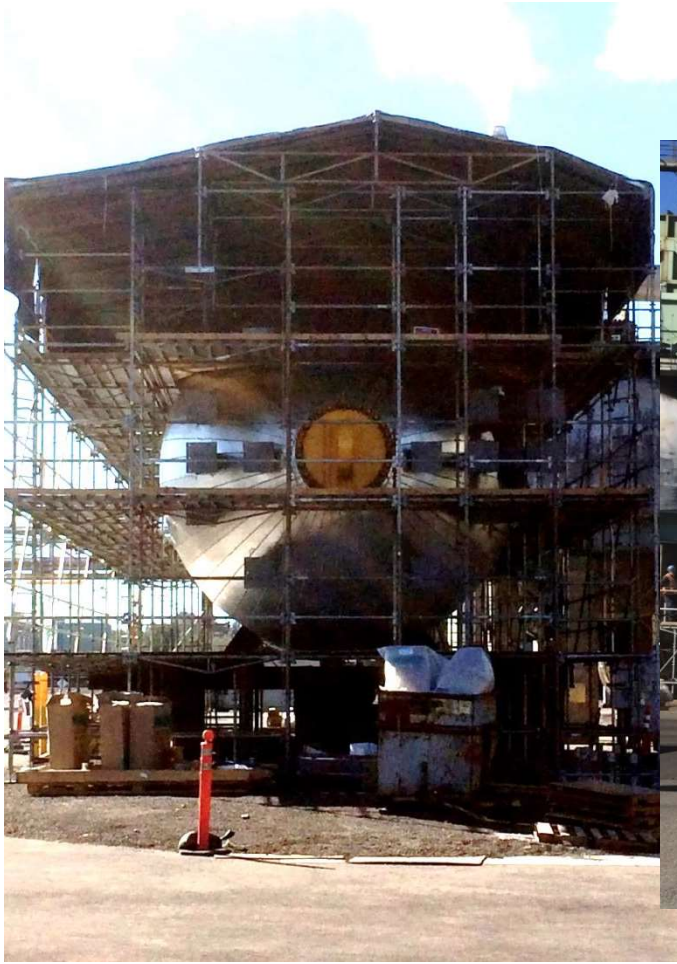
















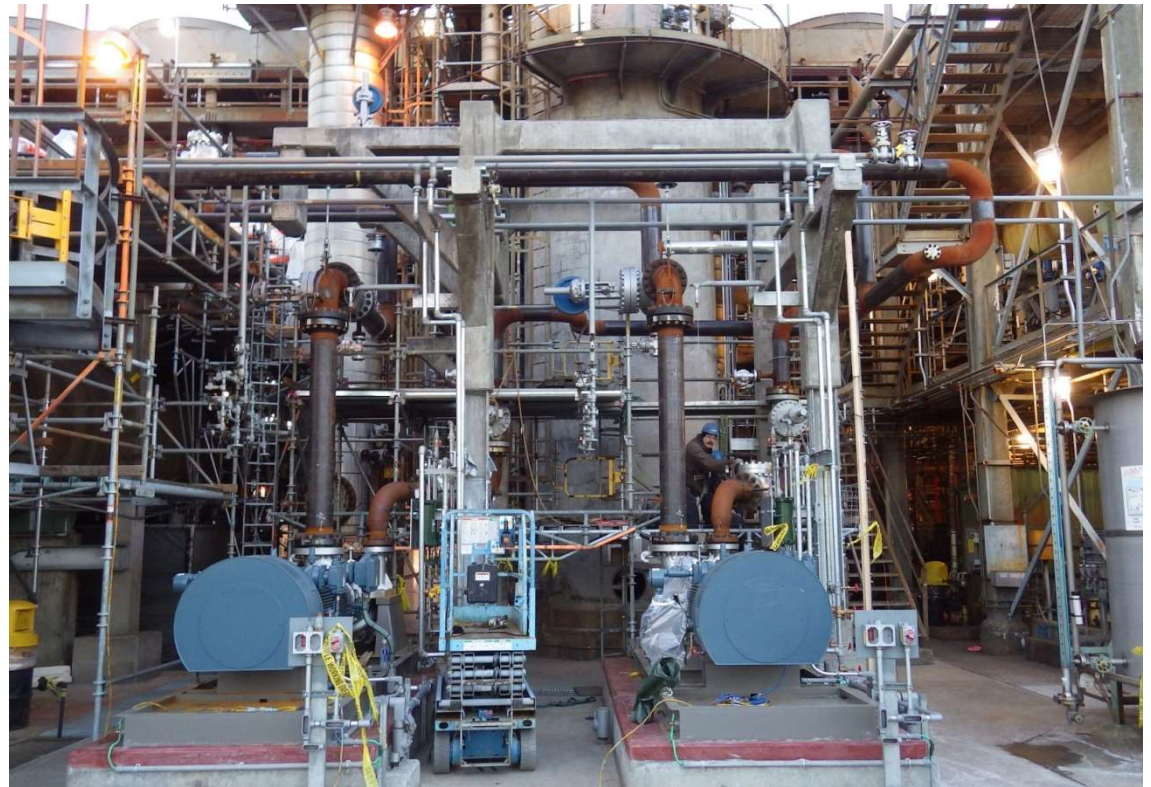






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Questions?