

## Rehabilitation and Protection in the Primary Industries We Serve

### Refineries

- ▶ Channel Boxes, Cover Plates
- ▶ Floating Heads, Tube Sheets
- ▶ Knock-out Drums and Slop Oil Tanks
- ▶ Secondary Containment
- ▶ Real-time Scheduling of Turnarounds



### Power Plants

- ▶ Coal Hoppers, Ash Houses and Chutes
- ▶ Cooling Towers, Water Boxes and Tube Sheets
- ▶ Bag Houses, FD Fan Housing, Precipitators
- ▶ Steam / Water Leaks and Pipe Wraps



### Water and Waste Water Treatment

- ▶ NSF/ANSI 61 Certified Hot and Cold Drinking Water
- ▶ Aeration and Equalization Tanks and Grit Rooms
- ▶ Pipe Lining, Coating and Wraps
- ▶ Manholes, Lift Station and Wet Wells



### Other Industries We Serve

- ▶ Oil, Gas and Mining
- ▶ Chemical Processing
- ▶ Manufacturing Plants
- ▶ Textiles
- ▶ Food and Beverage
- ▶ Pulp and Paper Mills
- ▶ Marine
- ▶ Military



Your local ERS representative:



ERS takes pride in controlling erosion, corrosion and abrasion for all kinds of equipment, facilities and structures.

No matter what the challenge, **Schmidt** and **ERS** can meet it with precision, fast turn around and a competitive price.

Our surface preparation, application and inspection procedure are so unique that we are able to provide the most complete warranty in the industry.

### ERS Coating Systems

- ▶ Metal rebuild systems
- ▶ Abrasion/erosion protection
- ▶ Corrosion resistant systems
- ▶ Tank coatings and linings
- ▶ High temperature application
- ▶ Concrete repair and resurfacing
- ▶ Joint sealing applications
- ▶ Floor coating systems
- ▶ Roofing systems
- ▶ Architectural coatings
- ▶ Pipe wrap systems
- ▶ Resin injection
- ▶ Waterproofing



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# PROTECT your assets

with

# ERS

## ENGINEERED RESIN SOLUTIONS

Products and Services for Steel and Concrete Protection  
*World Class Products - Worldwide Solutions*

A division of 

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# OVER 60 years of QUALITY & SERVICE



Schmidt proudly launches an associate company to compliment machining and fabrication with high-performance resin coating systems.

The ERS team of highly trained professionals have developed a cutting edge precision coating and inspection system that is unequalled by others.

- ▶ *Rebuilding of damaged, worn or corroded parts and equipment.*
- ▶ *Protect against further deterioration.*
- ▶ *Maintenance reduction programs.*
- ▶ *Service life extension programs.*

Schmidt is renowned, not only for their highest quality workmanship and attention to detail, but also for their ability to adhere to the most demanding schedules and meet critical deadlines in metal machining and fabrication.

In today's drastically changing economy, preserving your capital plant, equipment and resources at lower costs are more important than ever.

To meet this need, Schmidt is proud to present ERS, Engineered Resin Solutions, to expand their services by providing state of the art novolac epoxy resin and urethane coating systems. This cutting edge technology is precisely engineered in the USA to the very highest standards, to produce a range of ceramic loaded resin systems that are head and shoulders above anything else available worldwide.



# ERS Erosion Corrosion Abrasion ENGINEERED RESIN SOLUTIONS

*World Class Products - Worldwide Solutions*

## Refinery Turnaround - Heat Exchanger Services:

- ▶ 24/7, 365 days - Clint: 484.888.4441 / Bruce: 484.684.2487
- ▶ Pick up heat exchanger at your location
- ▶ Salt-X removal of salts and contaminates from critical areas
- ▶ Code weld and re-machine gasket surfaces
- ▶ White metal blast and apply protective coating
- ▶ Prime coat exterior and stencil I.D.
- ▶ Return heat exchanger components ready to install
- ▶ Daily status updates for critical path planning
- ▶ Inspection reports with photos of each step of the process

## Engineering and Fabrication:

- ▶ General machining services
- ▶ Plate bending, cutting and rolling
- ▶ Submerged ARC, MIG and TIG welding
- ▶ ASME "U" stamp certification
- ▶ NBIC/ASME "R" stamp certification
- ▶ Shell and tube heat exchanger re-tubing
- ▶ Pressure vessel fabrication



## Resin Coating Systems:

- ▶ Blasting and coating booths
- ▶ On-site or at our facilities
- ▶ Temperature resistant to 500° F
- ▶ Chemical resistant to 98% sulfuric
- ▶ 100% solids, no VOC's
- ▶ Environmentally friendly
- ▶ Applicator friendly

*Do it right the first time and what goes on, stays on!*