

RMS COMPLETES FCC EXPANDER EMERGENCY TURNAROUND

By Mike Amato

A major domestic refinery experienced a failure of their FCC expander resulting in the shutdown of the power recovery train. RMS was contracted to repair and rebuild the unit on an emergency basis. RMS responded to the emergency rebuild with 24-7 support from engineering services, manufacturing and field services to provide the refurbished rotor, bearing and seal assembly. During the initial inspection of the spare replacement rotor, RMS engineering determined the rotor disc was not suitable for service and would require a new



rebladed disc. The rotor rebuild and refurbishment of the bearing and seal assembly, along with a rebuild of the exhaust casing to add stiffeners to eliminate casing cracking during operation were completed at the RMS manufacturing facility. In addition, a new coupling guard was fabricated and machined. Field service was provided to reassemble the expander and rework the intermediate casing and exhaust transition piece. RMS completed the entire scope within the customer's turnaround schedule.

For more information:

Mike Amato
Email: mamato@rotatingmachinery.com
Tel: 484-821-0702

Headquarters

2760 Baglyos Cir.
Bethlehem, PA 18020

Houston Office

16676 Northchase Dr., Ste 400
Houston, TX 77060



rotatingmachinery.com

Tel: 484-821-0702

Parts: rms@rotatingmachinery.com

Rotating Machinery Services, Inc. | 2760 Baglyos Circle, Bethlehem, PA 18020 | Tel: 484-821-0702