

RECENT PROJECTS



EMERGENCY REPAIR OF A FCC POWER RECOVERY TRAIN

RMS / RMS Power Solutions was again given the unique opportunity to prove our capabilities as world class experts and competitors in the field of turbo machinery.

A refinery in Europe awarded RMS a contract to support an emergency breakdown of their FCC power recovery train. This breakdown was caused by the failure of an Elliott hot gas expander.

The challenge consisted of restoring their FCC main air axial compressor service on motor only, as soon as possible. The compressor required an inspection resulting in the installation of the spare rotor. We were able to restore service in a 10 day period. RMS was then awarded the RCA (root cause analysis) for the expander failure and the rebuild of the damaged expander using an existing spare rotor. During our inspection process, it was determined that the entire intake casing assembly was no longer suitable for service.

We were awarded the Intake casing assembly including first and second stage stator housings based on price and delivery beating the competition by a large margin on both requirements. RMS was able to deliver the assembly in an expedited 16 weeks from date of order. Our field service and engineering team traveled to Europe to support the installation of the intake casing and expander assemblies enabling an early start-up.

All of us at RMS are extremely proud of this accomplishment which not only met, but exceeded the customer requirement.



ROTATING MACHINERY SERVICES, INC.

2760 Baglyos Circle, Bethlehem, Pa 18020 • Main Office: 484-821-0702

Sales Offices: Houston - 281-340-8520 • Tennessee - 865-981-9831 • Louisiana - 225-939-4680