

GULFTRONIC

SERVICE AGREEMENT



“Extending turnaround activities may result in fuel shortages, price increases, or both. Strain is increased on other suppliers to meet demands, and turnarounds which become shutdowns can be catastrophic for supply at a regional level.”

*- What are shutdowns and turnarounds?,
Oil & Gas IQ Editor*

General Atomics Electromagnetic Systems (GA-EMS) understands that during a Refinery Turnaround process (TAR) unforeseen issues can arise, making it difficult to stay on schedule and on budget. With TARSA enabled for your Gulftronic® Electrostatic Separator you can be certain that it will be covered for all issues during your TAR.

TARSA for Gulftronic is a multi-year support agreement package that is designed to support Gulftronic Electrostatic Separator, customer operations and maintenance, and to save the refinery time and money during the duration of the agreement. For four years, GA-EMS will support planned and unplanned maintenance activities, and the TAR. TARSA supports the refineries goal of increasing profits and revenue from the bottom of the barrel.

TAR Support

Turnaround (TAR) maintenance activities are expensive, and the schedule is always critical. With TARSA our experienced Gulftronics Support Team will be on-site, for up to two weeks, to help keep your TAR project on time. The TARSA guarantees preferred access to GA-EMS spares and support to provide enhanced TAR efficiency.

Unplanned Maintenance Support

Unplanned maintenance requires immediate action. With Preferred Access and 40 hours of 24/7/365 Remote Support GA-EMS will be available to help you recover quickly from unplanned upsets.

- Preferred Access to Support and Spares – GA-EMS products and services at your fingertips
- Discounts – 10% discount on GA-EMS catalog items and support
- Options – Gulftronic Lab Testing and Analysis

TURNAROUND WITHOUT TARSA	TURNAROUND WITH TARSA
Unplanned resource shifts can lead to Expedite Fees	Planned TAR On-site Support
Full price Parts and Services	10% Discount on Spares and Support
Increased travel expenses due to critical issues that will arise	24/7/365 Remote Support
Communication is delayed due to Time Zone differences. The impact to TAR can add up to 7 days.	Training for refinery personnel, operators and maintainers
Complications, delays, and off-spec product can cause losses that exceed \$1M	Savings exceeds \$50,000