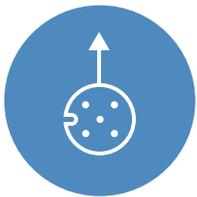


GE 7FA TURBINES

GAS CONTROL VALVE 64K UPGRADE

Eliminate Interim Planned Maintenance
and Extend Productivity to 64K Hours



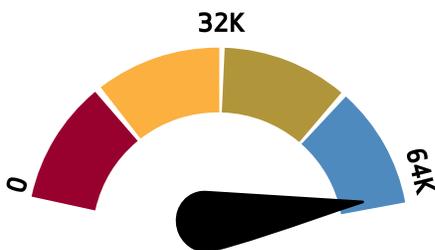
UPGRADE

Ensuring maximum productivity from GE 7FA Gas Turbines requires timely, comprehensive maintenance of its gas control equipment at key service intervals. Typically, maintenance is performed at the 48K hour interval. But today, Moog's advanced process valve/actuator hardware upgrade can extend this maintenance all the way to the 64K hour mark, delivering uptime, saving you service cost and optimizing your outage management resources.

OVERVIEW

The Moog 64K Service Life Upgrade for GE 7FA turbines equipped with Advanced Gas Path (AGP) technology helps deliver optimum, cost-effective maintenance scheduling for these critical systems. The solution eliminates interim maintenance activities and extends the turbine's gas control equipment productivity to 64K hours before scheduled maintenance. In some cases, that's double the suggested maintenance interval.

At the heart of this service offering is a technology upgrade incorporating an Extended Life Process Valve and the Moog Extended Life Actuator. This advanced hardware assembly outperforms standard components, delivering a new level of performance and productivity.



Extend maintenance intervals on GE 7FA Turbine gas control equipment until 64K hours of operation.

BENEFITS

- Extend the maintenance interval of gas control equipment on GE 7FA Gas Turbines from the typical 48K hour level to 64K hours
- Eliminates short-scheduling gas valve scheduled maintenance at 32K intervals
- Take advantage of one- to three-day turnaround through Moog's Advanced Exchange option (see next page.)
- Extended Life Actuator designed to enhance seal life and minimize oil leaks
- Extended Life Process Valve optimizes plug seal and packing life for service longevity



MOOG



MOOG EXTENDED LIFE ACTUATOR



Moog has engineered the Extended Life Actuator to maximize service life between maintenance intervals by adopting field proven material enhancements used on other demanding high cycle applications.

- New low pressure dual elastomeric seal design eliminates galling on piston rod
- New buffer seal for more durability
- Harder rod surface through proprietary aerospace coating that replaces chrome plating for extended life
- Hard, dense chrome coating added to cylinder bore surface

EXTENDED LIFE PROCESS VALVE

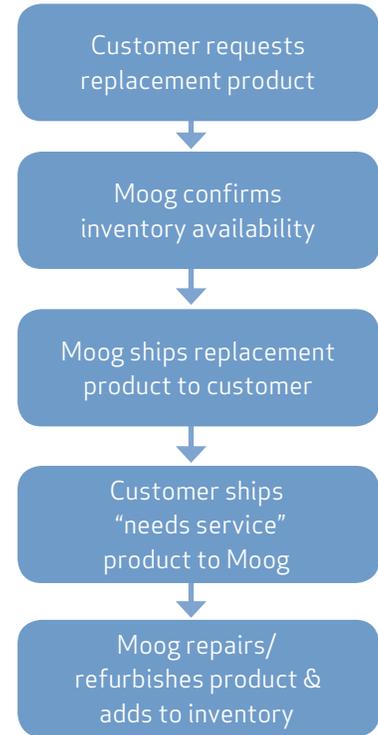


Emerson has engineered a retrofit to your existing EAB process valve to extend scheduled maintenance intervals in two key areas:

- The bonnet is machined to receive a Stellite alloy insert, eliminating the traditional coating that can degrade over time
- A live-loaded packing system replaces the original manually adjustable configuration to ensure the integrity of the packing seal for extended operating periods



MOOG ADVANCED EXCHANGE



Moog eliminates outage schedule risk by offering advanced exchange units. Rebuilt gas control valves arrive prior to your outage start date. Installation and removal can occur in sequence, saving time and money.

To contact your local Moog distributor about the 64K Service Life Upgrade, visit www.moog.com/nadistributor

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This technical data is based on current available information and is subject to change at any time by Moog. Specifications for specific systems or applications may vary.

GE Gas Turbine Service
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