

MORE™ Asset Management Plan

Minimize Total Cost of Ownership

Page 1 of 3



All valve companies offer valves. Some offer repair. Most customers want a total purchase and service plan that allows them to **minimize their total cost of ownership**, as well as truly benefit from predictive maintenance. Getting more **value** for every dollar is now more important than ever.

MOGAS is pleased to introduce the **MORE™ Asset Management Plan**. This plan is **customizable** for each client to meet **their** specific needs. Our core services, as well as optional value-added choices, are highlighted on the following pages.

Get **MORE™**...with **MOGAS®**
MANAGING OPERATION & REPAIR EXPENSES

-
- *Improved Safety*
 - *Enhanced Reliability*
 - *Predictive Maintenance*
 - *Anticipated Budget*
 - *Less Downtime*
 - *Value Pricing*
-

www.mogas.com

© Copyright MOGAS Industries, Inc. All rights reserved. 05/2009

MOGAS®
SEVERE SERVICE BALL VALVES

MORE™ Asset Management Plan

Minimize Total Cost of Ownership

Managed Inventories

Excess inventory or unavailable replacements can be quite costly. By evaluating critical path valves and traditional run-to-failure timelines, the **right** inventory can be readily available when needed. The **MORE** Asset Management Plan can help with

- Revolving consignment inventory
- On-site inventory
- Eliminating inactive inventory, lowering plant costs.

On-site Services

Buying a critical severe service valve can have serious consequences if not installed properly. MOGAS service technicians are available to help ensure the reliability, safety and dependability of your operations and our MOGAS isolation and / or rotary control valves.

- Start-up and commissioning assistance
- Field support and troubleshooting
- Quarterly walkdowns
- Major shutdown planning

Order Tracking

Delivery deadlines, planned installation dates, scheduled outages and turnarounds are all thrown off if the equipment is not on-site and ready to go. The ability to check online the status of valve orders (both open and closed orders) can be extremely helpful in avoiding expediting costs.

Diagnostics

MOGAS offers a diagnostic package that integrates into the entire valve assembly to measure and record valve data signatures (VDSs) and plot the results — operating torque, cycles and line pressure (upstream and downstream). This information can show a trend of the VDS, and be analyzed to plan service activities for scheduled maintenance.

Certified Training

When choosing from the menu of services offered through the **MORE** Asset Management Plan, one of the optional items is certified training. This can range from ongoing multiple half-day sessions to lunch-n-learns to hands-on interactive instruction. Classroom training includes valve explanations, proper valve installation / operation, actuator setting, and more. Participants receive troubleshooting guides, training materials and certificates upon completion of each class for Continuing Education requirements.

Walkdown Evaluations

Severe service valves, and the equipment they protect, represent significant capital investments for a plant. To protect that investment, improve safety, and increase performance of a facility, customers may choose to participate in a non-biased inspection of valves.

These inspections offer a review of your operations, coupled with our technology to detect issues related to leaks, torque, noise or cycling. Customized reports, along with recommendations, are then presented to plant managers or reliability engineers, as well as operations and maintenance personnel.

Valve Management Program (VMP) Online

The MOGAS Valve Management Program (VMP) is an online tool which collects valuable data that MOGAS engineers use to analyze the dynamics and kinematics of each valve and associated activities to maintain optimal valve performance. The VMP is available to authorized plant personnel 24 hours a day / 365 days a year through the internet.

This quick availability of data offers instant knowledge, including standard documentation of:

- Bill of materials
- Test forms
- Valve assembly drawings
- Actuator drawings
- Coating reports
- Material test reports

Data Storage

- History tracking
- Repair history
- Performance analysis reports
- Incident reports
- Valve repair cost
- Valve torques
- Revised BOMs
- Revised drawings

Customized Data Reports

The data uploaded into the online VMP can be arranged to create output reports, graphs and other information for the user to track Key Performance Indicators (KPIs).

Predict and Improve Performance

By examining a company's history of valve purchases and repairs, often recommendations can be made for expenditures that can result in significant overall cost savings.

Get **MORE™**...with **MOGAS®**

MANAGING OPERATION & REPAIR EXPENSES

MORE™ Asset Management Plan

Minimize Total Cost of Ownership

Whether you buy a few valves or several hundred valves, you can choose from a menu of options from the **MORE** Asset Management Plan to best serve your needs. These typical examples illustrate different combinations from the **MORE** Asset Management Plan options. Again, the key word is **customization**.

Call us today at **281.449.0291** to discuss your particular needs and our recommendations for the types of services that will help you optimize your valve investments.

Get **MORE™**...with **MOGAS®**
MANAGING OPERATION & REPAIR EXPENSES

MORE™ Asset Management Plan — Typical Examples

Service Descriptions	Client 1	Client 2	Client 3
On-site Services			
Start-up and commissioning assistance	●		●
Field support and troubleshooting	●	●	●
Service evaluations (quarterly)	●	●	
Major shutdown planning		●	
Managed Inventory			
Revolving consignment inventory (located & managed at MOGAS facility)	●		●
On-site inventory (for emergency use)		●	
Walkdown Evaluations (quarterly)	●	●	●
Diagnostics		●	●
Valve Management Program (online)			
Initial setup, input, links to P&ID, and maintenance reports	●		●
Repair history			●
Performance analysis reports (standard with original valve purchase)	●	●	●
Incident reports			
Valve repair costs	●	●	●
Valve torques		●	●
Revised bills of material		●	
Predictive / preventive maintenance recommendations	●		●
Certified Training			
Lunch-n-learns	●	●	
Valve installation & operation (hands-on)	●		
Maintenance & troubleshooting		●	

This table represents examples of typical services offered. Additional services may be discussed to best fit your individual needs.