

# Miura's BOILERMATE® Water Treatment

When you select the MMRC program, we include our eco-friendly water treatment chemicals in the program as well as guarantee the Pressure Vessel against corrosion.

The main ingredient of Miura's BOILERMATE® is Silicate, an environmentally friendly corrosion inhibitor. Silicate is a naturally-occurring material, ideal for water treatment in Miura's once-through boilers. Years of research and experience have shown that water tube corrosion can be controlled by balancing the amount of silicate in the water with the harmful corrosive ions.

## Eco-Friendly Silicate

BOILERMATE® is environmentally-friendly and controls the corrosive ions without the need for Sulfites and Volatile oxygen scavengers. This environmentally-friendly product supplements Miura's other "green" benefits and provides our customers with the best possible water treatment. Miura will be manufacturing BOILERMATE® in its new U.S. headquarters and manufacturing facility located outside of Atlanta, Georgia as well as in Brantford, Ontario (Canada).



## No Costly Deaerator Required!

BOILERMATE® users can greatly reduce the need to heat feed water, usually eliminating the need for an expensive Deaerator. This is a remarkable and unique advantage that saves money on costly equipment 'extras' while also reducing energy costs and conserving resources. By operating the boiler at lower feed water temperatures, users will benefit substantially from improved overall efficiency, depending on the condition of their water.

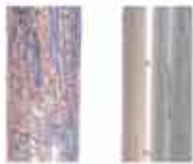
## Proven Performance So Good It's Guaranteed for MMRC!

Used for many years in Japan, the BOILERMATE® silicate-based solution has been proven to substantially lower the rate of tube failure compared to traditional chemicals. In fact, BOILERMATE® is so good Miura guarantees the Pressure Vessel and Economizer against failure due to rust and corrosion.\*<sup>3</sup>

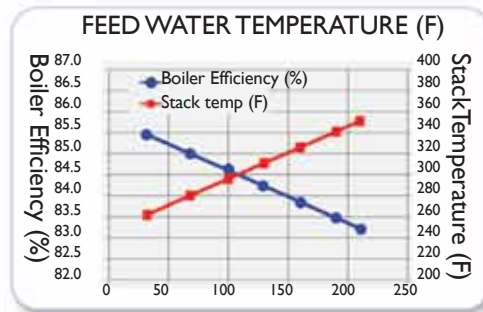
Miura's BOILERMATE® is just one more reason to "Think Green and Save Green" with Miura boilers.

\*<sup>3</sup> (Based on the condition of the customer's water, usage, and facilities, tube failure may still be possible.) For MMC/MMRC customers who use BOILERMATE®, Miura will repair or replace the Pressure Vessel and Economizer at no cost.

### CORROSION PREVENTION WITH SILICATE



No Chemical BOILERMATE®



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# MIURA

Miura Steam is Engineered for  
Greater Efficiency, Lower Costs &  
Reduced Environmental Impact

# MIURA MAINTENANCE PROGRAMS

MMRC MMRP



Keep Your Miura Steam  
Boiler Running Efficient  
and Green:

Save Energy Costs, Reduce  
Wear-and-Tear, Extend Boiler Life

- ✓ Monthly Water Sampling Report
- ✓ \*1 Regularly Scheduled Inspections
- ✓ Free Parts / Labor\*1 on Most Items
- ✓ **Colormetry**® Hardness Monitor
- ✓ **BOILERMATE**® Eco-Friendly Solution\*2
- ✓ Pressure Vessel Guarantee\*2



MIURA  
Gas-Fired/Low Nox  
LX Series  
Steam Boiler

# From Regular Inspections to Maintenance to

**THINK GREEN**

**SAVE GREEN**

- Save Money
- Reduce Emissions
- Conserve Resources

## Think Green / Save Green

Miura's maintenance and inspection program gives you peace-of-mind by reducing energy costs & maximizing **In-Service Efficiency**.

If you're reading this, chances are you made a wise purchase and chose Miura boilers. Miura is a world leader in reliable steam boilers that utilize green technology to substantially reduce energy costs, conserve natural resources and improve our environment. Maintaining your Miura steam boiler through our maintenance and inspection program will provide you with the highest level of efficiency throughout the long life of your boiler.

## INSPECTIONS\*<sup>1</sup>

### Regular Inspections Matter

Let highly trained and skilled inspection personnel protect your Miura steam boiler by anticipating and preventing problems before they arise.

Regular inspections can anticipate and correct situations before they become problems. By inspecting water conditions, combustion conditions, water tube scale / corrosion, pressure vessel, burner ancillaries, boiler components / settings, parts renewal, and providing an overall safety check, your Miura boiler will continue to operate at peak performance.

#### WATER TUBE INSPECTION

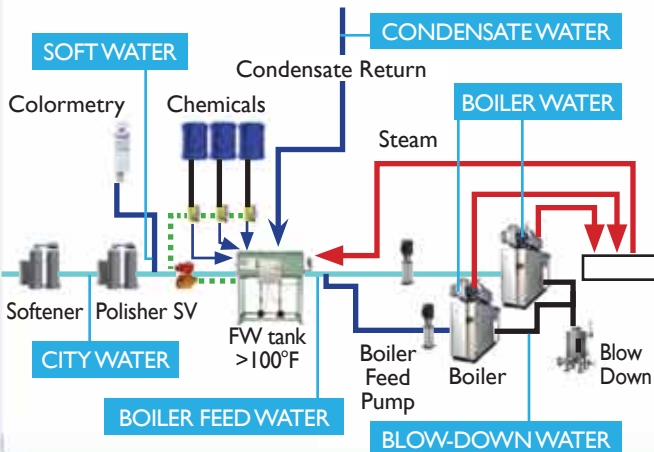


Corrosion



Scale

#### WATER CONDITION INSPECTION

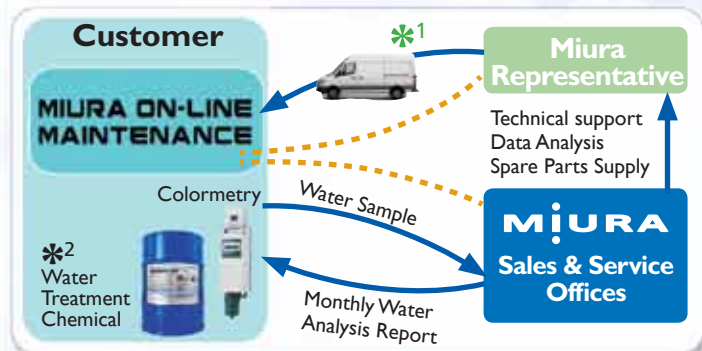


## MAINTENANCE

### Maintenance Makes The Difference

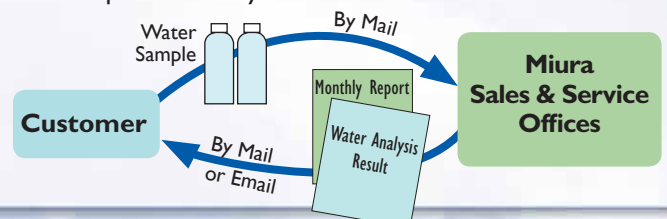
A well-maintained Miura boiler provides the highest efficiency throughout the life of the system and protects this important investment.

Maintenance is an essential part of keeping your Miura boiler running like the day you bought it. From water analysis, to online support systems, to overall efficiency, Miura boiler maintenance ensures that you'll save down time while saving energy costs. Plus, most parts are covered for free, and emergency service is available should you need it.



### Water Sampling Made Easy

Miura's MMRC/MMRP's customers can simply mail a small sample of water to Miura's U.S. or Canadian factories each month. Miura will analyze the water and furnish the customer with a thorough monthly report. Customers can avoid expensive on-site maintenance costs and ensure that their system continues to function at peak efficiency.



\*<sup>1</sup> Regular Inspection and Labor Guarantee not covered with the MMRC/MMRP plan. Please consult your Miura Rep for details.

# Guarantees, We've Got You Covered!



## Miura Service and Customer Requirement Chart

CONTRACT	MIURA SERVICE						CUSTOMER REQUIREMENT		
	INSPECTION	GUARANTEE			MAINTENANCE		MOM	COLORMETRY	CHEMICAL
		P.V.	PARTS	LABOR	WATER ANALYSIS	MONTHLY REPORT			
<b>MMRC</b>	-	YES CORROSION	YES	-	MONTHLY POST	YES	YES	YES	YES
<b>MMRP</b>	-	-	YES	-	MONTHLY POST	YES	YES	YES	-

## MONITORING / REPORTING

### Monthly Report Samples

**Burner History**

**SCALE MONITOR TEM**

**Fault and Alarm History**

**Summary Comments**

### ALARM RECORD

### MOM

## GUARANTEES

### Miura's Guarantee

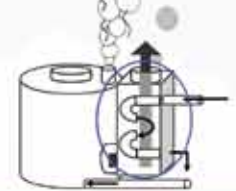
By choosing Miura's MMRC or MMRP maintenance & inspection program, you'll be making a wise decision assuring worry-free boiler operation. We guarantee it.

Our guarantee covers most parts and labor costs, as well as guaranteeing the Pressure Vessel (with the MMRC program only) against corrosion. By selecting our maintenance & inspection program, you enlist Miura's expert stewardship over the long-term reliable and efficient operation of your boilers.

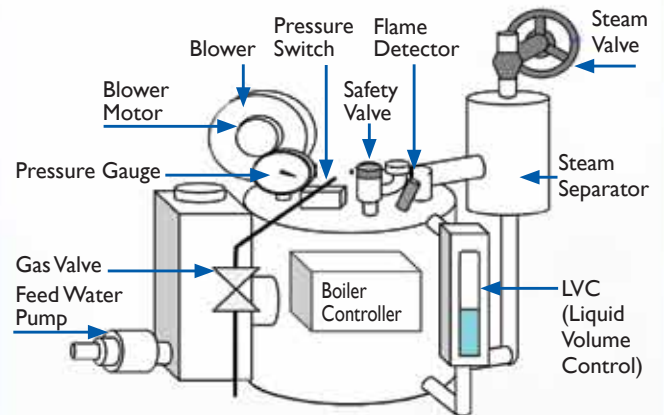
#### \*<sup>2</sup> PRESSURE VESSEL



#### \*<sup>2</sup> ECONOMIZER



### GUARANTEED PARTS



\*<sup>2</sup> Only for MMRC