

# Product BULLETIN



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## Proper Maintenance of LWCO's

It is a well established fact that low water cut-offs are not always properly maintained. As the 2010 – 2011 heating season ramps up, we should take this opportunity to remind our customers about the importance of proper low water cut-off maintenance.

Detailed maintenance instructions for McDonnell & Miller low water cut-offs can be found in the installation and operating instruction manual (IOM) that ship with the product. The IOMs can also be found online at [www.mcdonnellmiller.com](http://www.mcdonnellmiller.com). The following is a brief summary of required maintenance; please refer to the appropriate IOM for detailed instructions.

### **Probe-Style Low Water Cut-Offs**

- Test annually
- Inspect self-cleaning probe every 5 years (annually if not self-cleaning)
- Replace probe every 10 years
- Replace complete control every 15 years

### **Float-Operated Mechanical Controls**

- Hot water boilers: blow down quarterly
- Steam boilers below 15 PSI: blow down weekly
- Steam boilers above 15 PSI: blow down daily
- Disassemble and inspect annually – including float chamber and equalizing piping
- Replace head mechanism every 5 years

### **A Special Note About Commercial Steam Boilers**

The National Board of Boiler and Pressure Vessel Inspectors (ASME) recommends daily blow-down and testing of all low water cutoffs on commercial steam boilers. Many local codes also require at least daily blow-down of low water cut-offs on commercial boilers.

In order to ensure a safe and successful heating season, please help us reinforce this important information throughout our industry.