

PRODUCT BULLETIN

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| ISSUE/DATE: | July 17, 2013 | BULLETIN NUMBER: | AQ170713 |
| SUBJECT: | Operation & Maintenance | PRODUCT LINE: | All Aquafine UV Systems |
| TOPIC: | PRESSURIZED VESSEL SAFETY REMINDER | | |

OVERVIEW / DESCRIPTION

As previously communicated, on occasion a quartz sleeve and/or lamp can be forcibly ejected from a closed UV system, possibly as a result of:

- An improperly or incompletely installed sleeve bolt or compression nut
- A failure to bleed air from the vessel when re-pressurizing the chamber
- A failure to de-pressurize the chamber before servicing
- Removing the service end cap or other protective cover from the chamber while it is pressurized
- A failure to lock out and tag out water valves, electrical connections and other sources of energy
- And/or otherwise failing to comply with the procedures set out in the Operating and Maintenance Manual for the UV system

While these events are extremely rare, the consequences can be severe, including serious bodily injury or death caused by forcible ejection of a quartz sleeve, lamp, broken glass or other material from the chamber.

We are therefore issuing this urgent reminder to follow all applicable safety procedures when performing any service on your UV system. Please ensure that this information is received and understood by all personnel working with your UV system.

In particular, please ensure that:

- Closed vessel UV systems are isolated, locked out and de-pressurized before servicing them;
- All parts are inspected and worn or damaged parts are replaced;
- All parts are properly installed and tightened as set out in the Operating and Maintenance Manual; and

- Your system bears a safety label similar to the one enclosed with this bulletin.

If you do not currently have a label on the outside of your UV chamber similar to the example found on the next page, please contact your local representative or Trojan directly to ship you a self-adhesive version to be placed on your equipment. In the meantime, please post a copy of this reminder on or near each UV system you own, and review the content with all personnel who work with or service the UV systems.

OBTAINING LABELS

To have labels or an Operating and Maintenance Manual shipped to your facility, please contact your Authorized Aquafine Distributor or contact Aquafine directly.

ASSISTANCE

If you require technical assistance, have questions or comments; please contact your Authorized Aquafine Distributor.

For contacting Aquafine directly, you can reach our Customer Care Representatives or Technical Support Department at:

P: 661.257.4770

TF: 800.423.3015

[www.sales@aquafineuv.com](mailto:sales@aquafineuv.com)

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⚠ DANGER



Pressurized device - impalement hazard.

- Failure to follow these instructions will result in serious injury or death due to forcible ejection of materials from UV chamber.
- Inspection, repair and maintenance must be performed by competent personnel only.
- **ALWAYS** follow lockout tag out procedures, as required by Operation and Maintenance Manual.
- **NEVER** perform any physical inspection, repair, maintenance or service on UV chamber unless UV chamber has been isolated, depressurized and open to atmosphere.
- **NEVER** stand in front of UV lamp section while UV chamber is undergoing a hydrostatic pressure test. **Stand to the side** of the UV chamber while looking for leaks.
- If a leak is observed, depressurize immediately, drain, repair and retest.



Avoid injury.

- Read and understand the Operation and Maintenance Manual before operating this equipment.