

World Congress Regulatory Workshop: An Introduction

Linda Gowman^{1,4}, Bertrand Dussert^{2,4} and Scott Alpert^{3,4}

¹Trojan Technologies; ²Xylem Inc.; ³Hazen and Sawyer; and

⁴IUVA Regulatory Workshop Organizing Committee

Editor's Note: A workshop titled "Proposed Changes in International Regulations and their Potential Impacts on Disinfection Practices" was held at the IUVA World Congress in Vancouver (Jan. 31, 2016). The information that follows is from that workshop.

Regulations abound in the water space, which is appropriate given the impact of water and water quality on public health and environmental sustainability. Understanding, interpreting and implementing these regulations can be difficult. Requirements and interpretations can vary from one jurisdiction to the next and even from one person to another. The uncertainties can result in challenges with installation, product designs, product testing and demonstrated compliance.

The IUVA has long undertaken efforts to aid interested parties in understanding the many regulations and guidance impacting the appropriate usage of UV technologies. The workshop conducted at the January 2016 World Congress in Vancouver continued that approach.

Titled "Proposed Changes in International Regulations and their Potential Impacts on Disinfection Practices," the workshop covered an overview of the critical nature of international regulations in drinking water, water reuse, the consequences of the potential use of new microbial standards, such as bacteriophage indicators and the opportunities and challenges of bringing UV disinfection to the treatment of ships' ballast water.

The sold-out workshop was well attended by stakeholders across the UV industry, which led to good discussion among participants. The response confirms that the whole UV sector is seeking to find more comprehensive and informed ways of continuing to lead responsibly, in terms of public and environmental health protection while honoring good science, robust technology development and optimal business practices to meet those imperatives.

The audience was in agreement that, through its technical committee and other member-associated activities, the IUVA should continue its role in facilitating technical

discussions and educating stakeholders both inside and outside the UV community.

On behalf of IUVA, the organizing committee wishes to thank all of those who attended the workshop and, especially, the speakers for their time and effort in preparing the presentations and the abstracts presented in this issue of *IUVA News*. ■



Biodosimetry

Ready from \$60 per month

*Based on a single UV Lamp reactor

**Be sure your UV Reactor will pass
biodosimetry tests**

Now available in a convenient online format, UVCalc reliably predicts in minutes similar results to those from costly biodosimetry tests.

"UVCalc has been an integral part of our reactor design since 2002, and we are very pleased with the power and simplicity of the experimentally verified product"

Ismail Gobulukoglu, Aquafine Corporation

Use the coupon "IUVAMember"
to get 10% off your order.



www.uvcalc.com

1-780-439-4709

*Based upon a single UV Lamp reactor.