

EPA UMATS/IBMACT/PCMACT Rules

Challenges to Water Quality, Quality Control for the Future

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ABSTRACT

After more than a decade of challenges, the EPA is now forcing implementation of sweeping rules affecting power, industrial steam users and the Portland cement industry to control and/or more tightly control hazard/toxics emissions. While the bulk of the rules are directed at the waste gas stream, the technologies being increasingly employed for remediation (one example being the use of wet scrubbers), have significant impact potential on wastewater discharge and ultimately on the local water supply/water tables. This paper will explore some of the impacts, largely heretofore not studied by the EPA, that will cause increasing the accuracy and breadth of analyzers and testing instruments on water clean-up.

ABOUT THE AUTHOR

Tim McCreary has been an ISA member for nearly 30 years, including significant participation and leadership roles in ISA POWID. During his career he has been both an end user of technology (combustion and emissions, automation) and a vendor of same. His concerns have increasingly turned to water/wastewater as the next great challenge to society. Contact: tim@durag.com.