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ANSI/AWWA F120-18
(First Edition)

AWWA Standard

Ozone Systems for Water

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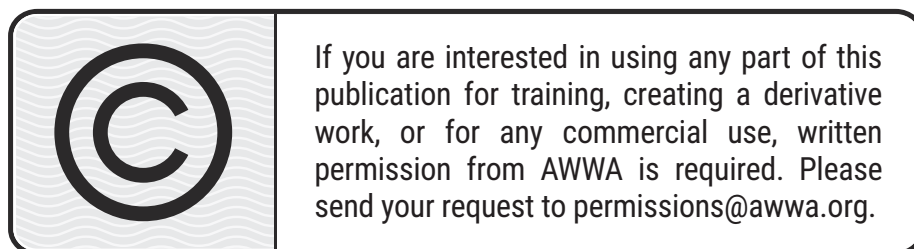
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Foreword

This Foreword is for information only and is not a part of ANSI/AWWA F120.*

I. Introduction.

I.A. *Background.* Ozone treatment is accepted for oxidation of organic compounds, taste and odor control, disinfection, pathogen inactivation, enhanced particulate removal, and other potable water, wastewater, or reclaimed water treatment uses. Ozonation is used with other treatment processes to achieve regulatory and aesthetic water quality goals. Ozone processes and equipment are often used with other equipment and chemicals including coagulation, filtration, and biofiltration that are covered by AWWA standards.

I.B. *History.* The need for a standard addressing ozone disinfection systems was recognized by the American Water Works Association (AWWA) in 2004. The new standard was originally assigned to the UV Disinfection Committee. The Standards Council reassigned the development of the new standard to the Oxygen for Ozone Generation Committee in March 2009. This first edition of ANSI/AWWA F120 was approved by the AWWA Board of Directors on Jan. 20, 2018.

I.C. *Acceptance.* In May 1985, the US Environmental Protection Agency (USEPA) entered into a cooperative agreement with a consortium led by NSF International (NSF) to develop voluntary third-party consensus standards and a certification program for direct and indirect drinking water additives. Other members of the original consortium included the Water Research Foundation (formerly AwwaRF) and the Conference of State Health and Environmental Managers (COSHEM). The American Water Works Association and the Association of State Drinking Water Administrators (ASDWA) joined later.

In the United States, authority to regulate products for use in, or in contact with, drinking water rests with individual states.[†] Local agencies may choose to impose requirements more stringent than those required by the state. To evaluate the health effects of products and drinking water additives from such products, state and local agencies may use various references, including

1. Specific policies of the state or local agency.

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[†] Persons outside the United States should contact the appropriate authority having jurisdiction.