

# Impressed Current Laboratory Testing of Aluminum and Zinc Alloy Anodes

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AMPP values your input. To provide feedback on this standard, please contact: [standards@ampp.org](mailto:standards@ampp.org)

<sup>(1)</sup> ASTM International (ASTM), 100 Barr Harbor Dr., West Conshohocken, PA, 19428-2959, [www.astm.org](http://www.astm.org).

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## Foreword

This standard test method describes a quality assurance procedure for determining the potential and current capacity characteristics under laboratory conditions for aluminum and zinc alloy anodes used for cathodic protection (CP). Field performance of anodes should be evaluated to correspond to actual anode performance.

This standard is intended primarily for users, designers, and manufacturers involved with the application of CP in marine environments. This standard can be used by manufacturers and users of aluminum and zinc anodes for quality control verification. The most common usage is expected to be by manufacturers to meet quality control requirements requested by the purchasing user. This standard is based on experiences from the paper by J.F. Brown Jr., "Quality Control Testing of Aluminum Anodes: T-7L-2 Task Group Progress Report,"<sup>1</sup> and on ANSI/NACE SP0115/ISO 15589-2<sup>2</sup> and Military Specification MIL-DTL-18001.<sup>3</sup>

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