

IEEE Standard for the Repair and Rewinding of AC Electric Motors in the Petroleum, Chemical, and Process Industries

IEEE Industry Applications Society

Sponsored by the
Petroleum and Chemical Industry Committee

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USA

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IEEE Standard for the Repair and Rewinding of AC Electric Motors in the Petroleum, Chemical, and Process Industries

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Abstract: This standard is intended to be a basic or primary document that can be utilized and referenced by owners of ac motors and generators (machines) that need refurbishment, repair, and/or rewinding, as well as service or repair facilities. It has been developed for the petroleum, chemical, and process industries, and it may be adapted to other areas of interest. The use of this standard is expected to result in higher quality and more cost-effective, timely repairs. A means of evaluating work performed and repair or service facilities is also provided.

Keywords: ac generator, ac machine, ac motor, IEEE 1068™, induction, refurbish, repair, repair facility, rewind, service facility, synchronous

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Introduction

This introduction is not part of IEEE Std 1068™-2015, IEEE Standard for the Repair and Rewinding of AC Electric Motors in the Petroleum, Chemical, and Process Industries.

This document was originally published in 1990 and was revised in 1996. In keeping with the goals of maintaining progressive standards, in 2002 the Standards Subcommittee of the IEEE Petroleum and Chemical Industry Committee assigned a task force to revise and update this standard. References to other documents have been corrected. The wording in this standard was modified to reflect worldwide standards and to promote uniform application of such devices in petroleum and chemical industry facilities.

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