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Condition monitoring and diagnostics of machine systems — Electrical signature analysis of three-phase induction motors

*Surveillance et diagnostic des systèmes de machines — Analyse de la
signature électrique des moteurs triphasés à induction*



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Foreword

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The committee responsible for this document is ISO/TC 108, *Mechanical vibration, shock and condition monitoring*, Subcommittee SC 5, *Condition monitoring and diagnostics of machine systems*.

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Introduction

This International Standard provides guidance for online condition monitoring and diagnostics of machines in the field of electrical signature analysis of three-phase induction motors.

In order to clarify the situation and direct attention towards the latest developments in this field, this International Standard presents an overview of well-established condition monitoring techniques, together with an indication of some which are expected to be less well known.