
**Mechanical vibration — Measurement
and evaluation of machine
vibration —**

**Part 4:
Gas turbines in excess of 3 MW, with
fluid-film bearings**

*Vibrations mécaniques — Mesurage et évaluation des vibrations de
machines —*

Partie 4: Turbines à gaz à paliers à film fluide, excédant 3 MW

ISO 20816-4:2018

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Foreword

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This document was prepared by Technical Committee ISO/TC 108, *Mechanical vibration, shock and condition monitoring*, Subcommittee SC 2, *Measurement and evaluation of mechanical vibration and shock as applied to machines, vehicles and structures*.

This first edition of ISO 20816-4 cancels and replaces ISO 7919-4:2009 and ISO 10816-4:2009, which have been technically revised. It also incorporates the Amendments ISO 7919-4/Amd.1:2017 and ISO 10816-4/Amd.1:2017.

The main change is that the scope has been reduced to exclude large gas turbines with power outputs greater than 40 MW, fluid-film bearings and rated speeds of 1 500 r/min, 1 800 r/min, 3 000 r/min or 3 600 r/min. Such gas turbines are now covered by ISO 20816-2.

A list of all parts in the ISO 20816 series can be found on the ISO website.