

# DIN ISO 16063-16:2015-11 (E)

## Methods for the calibration of vibration and shock transducers - Part 16: Calibration by Earth's gravitation (ISO 16063-16:2014)

---

<b>Contents</b>		<b>Page</b>
National foreword .....		3
National Annex NA (informative) Bibliography .....		4
1	Scope .....	5
2	Normative references .....	5
3	Uncertainty of measurement .....	5
4	Requirements for apparatus and other conditions .....	6
4.1	General .....	6
4.2	Environmental conditions .....	6
4.3	Mounting platform .....	6
4.4	Accelerometer output measuring instrumentation .....	7
4.5	Earth's gravitation .....	7
5	Method .....	7
5.1	General .....	7
5.2	Test procedure for 0° and 180° .....	8
5.3	Test procedure for fractions of gravitation .....	8
5.4	DC offset consideration .....	9
5.5	Calibration setup .....	10
6	Report of calibration results .....	12
Annex A (normative) Uncertainty components in the calibration by gravitation .....		13
Bibliography .....		15