

ISO 21940-14:2012-07 (E)

Mechanical vibration - Rotor balancing - Part 14: Procedures for assessing balance errors

Contents		Page
Foreword		iv
Introduction		vi
1	Scope	1
2	Normative references	1
3	Terms and definitions	1
4	Balance error sources	1
4.1	General	1
4.2	Systematic errors	2
4.3	Randomly variable errors	2
4.4	Scalar errors	3
5	Error assessment	3
5.1	General	3
5.2	Errors caused by balancing equipment and instrumentation	3
5.3	Balance errors caused by component radial and axial runout	3
5.4	Assessment of balancing operation errors	4
5.5	Experimental assessment of randomly variable errors	5
5.6	Experimental assessment of systematic errors	6
6	Combined error evaluation	6
7	Acceptance criteria	7
Annex A (informative) Error examples, their identification and evaluation		8