

ISO 10816-7:2009-02 (E)

Mechanical vibration - Evaluation of machine vibration by measurements on non-rotating parts - Part 7: Rotodynamic pumps for industrial applications, including measurements on rotating shafts

Contents		Page
Foreword		iv
Introduction		v
1 Scope		1
2 Normative references		2
3 Vibration measurement		2
4 Vibration evaluation		7
5 Evaluation zones and conditions for operation in situ and acceptance tests		8
6 Operational limits		9
Annex A (normative) Evaluation zone limits for vibration of non-rotating parts		11
Annex B (informative) Evaluation criteria for relative shaft vibration of rotodynamic pumps with sleeve bearings		13
Annex C (informative) Example of setting ALARM and TRIP values		15
Annex D (informative) Consideration of support flexibility and installation orientation		16
Bibliography		17