

ISO 13373-7:2017-08 (E)

Condition monitoring and diagnostics of machines - Vibration condition monitoring - Part 7: Diagnostic techniques for machine sets in hydraulic power generating and pump-storage plants

Contents	Page
Foreword	iv
Introduction	v
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 Hydropower vibration	1
5 Measurements	2
5.1 Vibration measurements in general	2
5.2 Instrumentation	2
5.3 Measurement of machine operational parameters	4
6 Initial analysis	4
7 Specific analysis of hydropower units	4
8 Additional diagnostics	5
Annex A (normative) Fault table for vibration analysis of hydropower units	6
Annex B (informative) Vibration diagnostic process for faults in hydropower units	11
Annex C (informative) Examples of vibration problems in hydropower units	13
Bibliography	19