

ISO 2017-3:2015-12 (E)

Mechanical vibration and shock - Resilient mounting systems - Part 3: Technical information to be exchanged for application of vibration isolation to new buildings

| Contents | | Page |
|--------------------|---|-------------|
| Foreword | | iv |
| Introduction | | v |
| 1 | Scope | 1 |
| 2 | Normative references | 1 |
| 3 | Terms and definitions | 2 |
| 4 | Purpose of vibration isolation (why isolate mechanical systems) | 2 |
| 5 | What is to be isolated | 3 |
| 6 | Applicability of vibration isolation (when to isolate structures or mechanical systems) | 3 |
| 7 | Measurement and evaluation of vibration conditions (how to isolate) | 3 |
| 8 | Information for the choice of an isolation mounting system | 3 |
| 9 | Information to be supplied by the owner of the project | 4 |
| 9.1 | Building | 4 |
| 9.2 | Sensitive equipment | 4 |
| 10 | Information to be provided by the supplier of the isolation system | 5 |
| 10.1 | Performance of isolation system | 5 |
| 10.2 | Physical data of the isolation system | 5 |
| 10.3 | Dynamic behaviour | 5 |
| 10.4 | Durability | 6 |
| 10.5 | Environmental data | 6 |
| 10.6 | Maintenance data | 6 |
| 11 | Validation of isolation performance | 6 |
| Bibliography | | 8 |