

ISO 14622:2025-04 (E)

Space systems - Structural design - Loads and induced environment

Contents

Page

- Foreword..... iv
- Introduction..... v
- 1 Scope..... 1
- 2 Normative references..... 1
- 3 Terms and definitions..... 1
- 4 Determination of loads and the induced environment..... 4
 - 4.1 General input data..... 4
 - 4.1.1 System inputs..... 4
 - 4.1.2 Excitation sources..... 5
 - 4.2 Determination of loading conditions..... 6
 - 4.2.1 General..... 6
 - 4.2.2 Types of loads..... 6
 - 4.2.3 Mechanical loads..... 6
 - 4.2.4 Pressure..... 7
 - 4.2.5 Thermal loads..... 7
 - 4.2.6 Load cases..... 7
 - 4.3 Safety factors..... 8
 - 4.4 Design load cases..... 9
- Bibliography..... 10