

**Current List of ASC S2 Standards
October 2007**

- **ANSI S2.1-2000 / ISO 2041:1990** American National Standard Vibration and Shock - Vocabulary.
- **ANSI S2.2-1959 (R 2006)** American National Standard Methods for the Calibration of Shock and Vibration Pickups.
- **ANSI S2.4-1976 (R 2004)** American National Standard Method for Specifying the Characteristics of Auxiliary Analog Equipment for Shock and Vibration Measurements.
- **ANSI S2.7-1982 (R 2004)** American National Standard Balancing Terminology.
- **ANSI S2.8-2007** American National Standard Technical Information Used for Resilient Mounting Applications.
- **ANSI S2.9-1976 (R 2006)** American National Standard Nomenclature for Specifying Damping Properties of Materials.
- **ANSI S2.16-1997 (R 2006)** American National Standard Vibratory Noise Measurements and Acceptance Criteria of Shipboard Equipment.
- **ANSI S2.17-1980 (R 2004)** American National Standard Techniques of Machinery Vibration Measurement..
- **ANSI S2.19-1999 (R 2004)** American National Standard Mechanical Vibration—Balance Quality Requirements of Rigid Rotors, Part 1: Determination of Permissible Residual Unbalance, Including Marine Applications.
- **ANSI S2.20-1983 (R 2006)** American National Standard Estimating Air Blast Characteristics for Single Point Explosions in Air, with a Guide to Evaluation of Atmospheric Propagation and Effects.
- **ANSI S2.21-1998 (R 2007)** American National Standard Method for Preparation of a Standard Material for Dynamic Mechanical Measurements.
- **ANSI S2.22-1998 (R 2007)** American National Standard Resonance Method for Measuring the Dynamic Mechanical Properties of Viscoelastic Materials.
- **ANSI S2.23-1998 (R 2007)** American National Standard Single Cantilever Beam Method for Measuring the Dynamic Mechanical Properties of Viscoelastic Materials.
- **ANSI S2.24-2001 (R 2006)** American National Standard Graphical Presentation of the Complex Modulus of Viscoelastic Materials.
- **ANSI S2.25-2004** American National Standard Guide for the Measurement, Reporting, and Evaluation of Hull and Superstructure Vibration in Ships.
- **ANSI S2.26-2001 (R 2006)** American National Standard Vibration Testing Requirements and Acceptance Criteria for Shipboard Equipment.
- **ANSI S2.27-2002 (R 2007)** American National Standard Guidelines for the Measurement and Evaluation of Vibration of Ship Propulsion Machinery.
- **ANSI S2.28-2003** American National Standard Guide for the Measurement and Evaluation of Vibration of Shipboard Machinery.
- **ANSI S2.29-2003** American National Standard Guide for the Measurement and Evaluation of Vibration of Machine Shafts on Shipboard Machinery.
- **ANSI S2.31-1979 (R 2004)** American National Standard Methods for the Experimental Determination of Mechanical Mobility, Part 1: Basic Definitions and Transducers.
- **ANSI S2.32-1982 (R 2004)** American National Standard Methods for the Experimental Determination of Mechanical Mobility, Part 2: Measurements Using Single-Point Translational Excitation.
- **ANSI S2.34-1984 (R 2005)** American National Standard Guide to the Experimental Determination of Rotational Mobility Properties and the Complete Mobility Matrix.
- **ANSI S2.42-1982 (R 2004)** American National Standard Procedures for Balancing Flexible Rotors.

- **ANSI S2.43-1984 (R 2005)** American National Standard Criteria for Evaluating Flexible Rotor Balance.
- **ANSI S2.46-1989 (R 2005)** American National Standard Characteristics to be Specified for Seismic Transducers.
- **ANSI S2.48-1993 (R 2006)** American National Standard Servo-Hydraulic Test Equipment for Generating Vibration - Methods of Describing Characteristics.
- **ANSI S2.60-1987 (R 2005)** American National Standard Balancing Machines - Enclosures and Other Safety Measures.
- **ANSI S2.61-1989 (R 2005)** American National Standard Guide to the Mechanical Mounting of Accelerometers.
- **ANSI S2.70-2006** American National Standard Guide for the Measurement and Evaluation of Human Exposure to Vibration Transmitted to the Hand.
- **ANSI S2.71-1983 (R 2006)** American National Standard Guide to the Evaluation of Human Exposure to Vibration in Buildings
- **ANSI S2.72/Part 1-2002 (R 2007) / ISO 2631-1:1997 American** National Standard Mechanical vibration and shock - Evaluation of human exposure to whole-body vibration – Part 1: General requirements.
- **ANSI S2.72/Part 4-2003 (R 2007) / ISO 2631-4:2001 American** National Standard Mechanical vibration and shock - Evaluation of human exposure to whole-body vibration – Part 4: Guidelines for the evaluation of the effects of vibration and rotational motion on passenger and crew comfort in fixed-guideway transport systems.
- **ANSI S2.73-2002 / ISO 10819:1996 (R 2007)** American National Standard Mechanical vibration and shock - Hand-arm vibration - Method for the measurement and evaluation of the vibration transmissibility of gloves at the palm of the hand.