

## **Codes, Standards, Guidelines, and Regulations**

Dr. Gary Hutter, P. E., has been involved with various safety and industrial committees during the almost 30 year course of his career. Below is a listing of various codes, standards, guidelines, and regulations that Dr. Hutter has been associated with over the past decade through committee activities or by solicitation. Many of these items address safety or safety-related issues for industrial equipment and processes, or consumer products. (*NOTE: SAE = Society of Automotive Engineers; ANSI = American National Standards Institute; NSC = National Safety Council; ASTM = American Society for Testing and Materials; WPCA = Water Pollution Control Association*)

### **Codes/Standards/and Guidelines Reviewed/Voted On/or Solicited Comments (Since 1989)**

1. WPCF MOP SM-8      Emergency Planning for Municipal Water Facilities, Reviewer '89
2. SAE J1166              Sound Measurement - Off-Road Self Propelled Work Machines Operator-Work Cycle 3/90, Affirmative Vote.
3. ANSI B165.1          Safety Requirements for Design, Care and Use of Power Driven Brushing Tools 2/90, Affirmative Vote.
4. SAE J1535              Performance Test for Windshield Defrosting Systems for Off-Road Work Machine 3/90, Affirmative Vote
5. SAE J1013              Measurement of Whole Body Vibration of the Seated Operator Off-Highway Work Machines 4/90, Affirmative Vote.
6. SAE J1091              Measurement of Operators Visibility 4/90, 7/90, Affirmative Vote.
7. National Safety          Reviewer and Contributor to Volume 1, Chapter 16 "Planning for  
Council Accident          Emergencies," May 19, 1990, Affirmative Vote.  
Prevention Manual  
for Industrial  
Operations

8. SAE J2107 Intermittent Alarm Detection Zone, 2/90, Negative Vote.
9. SAE J154 Operator Space Envelope Dimensions for Off-Road Machines, July 1990, Affirmative Vote.
10. SAE J2105 Acoustics - Measurement of Noise Emitted by Earth Moving Machinery at the Operator Station, July '90, Affirmative Vote.
11. SAE J2104 Acoustics - Measure of External Noise Emitted by Earth Moving Equipment, July '90, Affirmative Vote.
12. SAE J2103 Acoustics - July '90 - Limits for External Noise, July '90, Affirmative Vote.
13. SAE J2103 Acoustics - Limits for External Noise, July '90, Affirmative Vote.
14. SAE J2102 Acoustics - Stationary Test, July '90, Affirmative Vote.
15. SAE J2101 Acoustics - Intended for Indoor, July '90, Affirmative Vote.
16. National Safety Council Data Sheet "Compression and Transfer Molding of Rubber," #632, August '90, Affirmative Vote.
17. National Safety Council Data Sheet "Mill and Calendar Rescue Methods (Rubber Industry)" #732 August '90, Affirmative Vote.
18. SAE J386 "Operator Restraint Systems for Off-Road Work Machines," January 18, 1991, Affirmative Vote.
19. SAE J1535 "Performance Test for Windshield Defrosting Systems for Off- Road, Self Propelled Work Machines," January 19, 1991, Affirmative Vote.
20. WPCF "Manual of Practice MOP1, Safety & Health in Wastewater Systems," review Chapter 2 materials, June 1991. Contribution/reviewer.
21. WPCF "Biological Hazards at Wastewater Treatment Facilities," June 1991. Reviewer of special publication.

22. National Safety Council Accident Prevention Manual for Industrial Operations 10th Edition. Reviewer aspects of "Chemical Processing in Automated Processes, June 1991, "Automated Lines, Systems, or Processes," Volume 2, Chapter 23. Reviewer.
23. National Safety Council, Data Sheet "Metal Squaring Shears," I-328 Rev. 91, June 1991. Reviewer.
24. SAE J154 "Operator Space Envelope Dimensions for Off-Road Machines," July 21, 1991, Affirmative Vote.
25. SAE J1503 "Performance Test for Air Conditioned, Heated and Ventilated Off-Road Self-Propelled work Machines," December 6, 1991. Affirmative Vote.
26. Tooling & Production Magazine "Cleaning Up The Environment," by James A. Lorincz, Executive Editor, February 1992
27. WPCF "Biological Hazards at Wastewater Treatment Facilities," A special publication prepared by Task Force on Biological Hazards, 1991. Contributor/reviewer.
28. National Safety Council, Data Sheet "Mechanical Power Press Point of Operation Safeguarding Concepts," #I-710-86 February 26, 1992. Reviewer.
29. Water Environment Federation Committee, Draft WEF Position on "Environmental Auditing" requested commentary for Hazardous Waste their July 7, 1992 memorandum. Vote on Position Paper on Environmental Audits 8/21/92.
30. ASTM E.50.02 Committee E50.02.2 "Standard Practice for Environmental Site Assessments: Phase 1 Environmental Site Assessment process," Affirmative Vote (8/26/92) Item 1.
31. ANSI B11 "Ergonomics Guideline Document" Affirmative Vote (1/21/93)
32. ASTM D4675-92 "Standard Guide for Selection and Use of Flat Strapping Materials," (1/22/93) Affirmative Vote

33. NSC Data Sheet "Safe Lubrication of Industrial Machinery," OS&H Data Sheet (new) Affirmative Vote, 1/16/93.
34. SAE J1091/ "Operator's Field of View - Test Method" ISO 5006 Affirmative Vote 3/20/93
35. ASTM D10.11 "Standard Practice for Pictorial Markings for Handling Goods" ASTM Standard, Draft 4 dated 12/28/92, Affirmative Vote 3/17/93.
36. SAE J1083 "Unauthorized Starting or Movement of Machine," Affirmative Vote 3/17/93.
37. SAE J1012 "Operator Enclosure Pressurization System Test Procedure," Affirmative Vote 3/17/93.
38. SAE J115 "Safety Signs," Affirmative Vote 6/7/93.
39. SAE J1362 "Graphical Symbols for Off-Road Self- Propelled Work Machines," 9/20/93, Affirmative Vote.
40. ASTM E50.03.1 "Guide for Development and Implementation of A Pollution Prevention Program," 10/15/93, Affirmative Vote.
41. ANSI B11 TR-1 1993 "Ergonomic Guidelines for the Design, Installation and Use of Machine Tools," Contributing author and reviewer of ANSI Technical Report, December 1993.
42. ASTM D10.18 (93-01) "New Standard Practice for Label Adhesion Integrity, Testing of Pressure Sensitive Labels for Consumer Packages," ANSI Subcommittee Ballot, 12/21/93, Affirmative Vote.
43. ASTM E50.01 (94-01) "Guide for Accelerated Site Characterization for Confirmed or Suspected Petroleum Releases," Subcommittee Ballot, 2/17/94, Affirmative Vote.
44. SAE J1665 "Earthmoving Machinery Operating Modes for Use in Determining Whole Body and Hand/Arm Vibration Levels," 2/24/94 Affirmative Vote.

45. ASTM E50.01 "ASTM Guide for Risk-Based Corrective Action at Petroleum Subcommittee Release Sites," Administrative Letter Ballot, Affirmative Vote, 5/20/94.
46. SAE J153 "Operator Precautions," Affirmative Vote, 6/24/94.
47. ASTM "Standard Guide for the Use of Coal Combustion Fly Ash in Structural Fills," Negative Vote, 9/19/94.
48. SAE J1799 "Earth-Moving Machines, Mirrors - Field of Vision at Ground Level," letter ballot to HFTC-SC-3, 11/1/94, Disapprove.
49. National Safety Council Advisory Committee member for Symposium "Contemporary Challenge: The Safety Professional's Role in Environmental Management," Chicago, IL, April 20-21, 1995.
50. SAE J2331 "Operator's Field of View - Engineering Evaluation," Letter ballot to SAE, Ref #96-690, August 27, 1996.
51. SAE J/ISO 9244 "Earthmoving Machinery - Safety Signs & Hazard Pictorials General Principles," letter ballot to HFTC September 17, 1997, Affirmative Vote, Ref. NO. 97-631.
52. SAE J/ISO 13200 "Cranes - Safety Signs and Hazard Pictorials - General Principles," Letter ballot to HFTC, September 17, 1997, Affirmative Vote, Ref. No. 97-633.
53. SAE J/ISO 11684 "Agricultural Tractors & Specialized Forestry Machinery - Safety Signs & Hazard Pictorials General Principles" Letter ballot to HFTC, September 17, 1997, Affirmative Vote, Ref. No. 97-632.
54. SAE J1091 "Earthmoving Machinery – Operator’s Field of View," Letter ballot to HFTC, September 2, 1997, Affirmative Vote, Ref. No. 97-605.
55. ASTM D3332 "Test Method for Mechanical Shock Fragility of Products Using Shock Machine," September 9, 1997, Affirmative Vote.
56. ASTM Dxxxx "Standard Guide for Transport Packaging Design" September 9, 1997, Affirmative Vote.
57. NSC ERGO/H.F Committee National Safety Council, Ergonomics / Human Factors Committee. Positive ballot on Proposed American National Standard, Z365 "Control of Cumulative Trauma Disorders" Position paper July 7, 1998.

58. Anti-Scalding Article Challenge Position Paper on the mandatory application of anti-scald valves in residential applications. Published in PM Engineering magazine, January/ February, 1999, pg. 4-7. Business News Publishing Co., Troy, MI
59. ANSI MN 26.1 "For Industrial Metal Containers – Specifications" Revision date September 28, 1999, reviewer and solicited ballot by the Industrial Metal Container and Wire Decking Association. , Affirmative Vote
60. ANSI BSR MH30.1 "For the Safety, Performance, and testing of Dock Leveling Devices," Reviewer and solicited ballot by Loading Dock Equipment Manufacturers, November 30, 1999, Affirmative Vote
61. ANSI MH24.1 "Safety Standard for Horizontal Carousel Material Handling and Associated Equipment" Reviewer and solicited ballot Material Handling Equipment of America, February 7, 2001, Negative vote
62. ASTM Ref Z8314Z E50.01 committee Proposed Standard "Guide to Hydraulic Integrity of New, Repaired or Reconstructed Aboveground Storage Tank Bottoms for Petroleum Service," February 20, 2001, reviewer and solicited ballot by the E50 Committee, Affirmative Vote
63. ANSI BSR MH29.1 "Safety Requirements for Industrial Scissors Lifts," January 9, 2001 reviewer and solicited ballot by the Material Handling Industry of America, Negative vote
64. ANSI BSR MH27.1 "Specifications for the Patented Track Underhung Cranes and Monorail Systems," June 4, 2001, reviewer and solicited ballot by the Material Handling Industry of America, Affirmative Vote
65. ANSI BSR MH27.2 "Specifications for Enclosed Track Underhung Cranes and Monorail Systems," March 7, 2001, reviewer and solicited ballot by the Material Handling Industry of America, Affirmative Vote