Ames Procedural
Requirements

APR 8715.1

COMPLIANCE IS MANDATORY

Ames Health and Safety Manual

Table of Contents

Chapter 1: Ames Safety and Health Policy
Chapter 2: Safety and Health Responsibilities
Chapter 3: Health Unit
Chapter 4: Mishap and Close Call Reporting and Investigating /Contingency Plan
Chapter 5: Smoking Policy
Chapter 6: Work Alone
Chapter 7: Ames Radiation Safety
Chapter 8: Laser, Microwave, and other Nonionizing Safety
Chapter 10: Pressure Systems Safety
Chapter 11: Electrical Safety
Chapter 12: Explosives Safety
Chapter 13: Chemical Hygiene Program
Chapter 14: Shop Safety
Chapter 15: Cryogenic Safety
Chapter 17: Lifting Devices and Equipment
Chapter 18: Emergency Eyewash and Shower Equipment
Chapter 20: Fire Protection
Chapter 22: Event Safety
Chapter 23: Control of Narcotics and Other Controlled Substances
Chapter 24: Chemical Hazard Communication Program
Chapter 26: Confined Space Entry
Chapter 27: Construction Safety Management
Chapter 28: Respiratory Protection
Chapter 29: Hearing Conservation Program
Chapter 30: Asbestos Management Plan
Chapter 31: Logout/Tagout
Chapter 32: Bloodborne Pathogens Protection Plan
Chapter 33: Personal Protective Equipment (PPE)
Chapter 35: Lead Management Plan
Chapter 36: Ames Ergonomics Program
Chapter 37: Indoor Air Quality
Chapter 38: Occupational Safety and Health Administration (OSHA) Regulated Chemicals
Chapter 40: Fall Protection Program
Chapter 41: Animals in the Workplace
Chapter 42: Ames Procedural Requirements for Safety Lanes, Barricades, Hazard Labeling and Posting
Chapter 43: Office Safety
Chapter 44: Compressed Gas Cylinder Safety
Chapter 45: Food Safety
Chapter 46: Automatic External Defibrillation Program
Chapter 49: Laboratory Decommissioning Procedure
Chapter 50: Nanomaterials Safety and Health
Preface

P.1 Purpose

This manual sets forth safety and health policy and procedures and instructions for the Ames community in an effort to prevent injury or illness in the workplace.

P.2 Applicability

These chapters are applicable to all Ames employees, to all work conducted under the authority of Ames, and to all equipment and property managed by Ames. For Ames contractors, it is applicable through contract clauses in conformance with NASA procurement Regulation (Part 1, Subpart 52 and Part 14, Subpart 6). Non-Ames and non-contractor personnel will follow the provisions of this chapter while at Ames facilities.

P.3 Authority

1. NPD 8700.1, NASA Policy for Safety and Mission Success
2. NPD 8710.2, NASA Safety and Health Program Policy
3. NPR 8715.1, NASA Occupational Safety and Health Programs
4. APR 8715.3, General Safety Program Requirements
6. 29 CFR Part 1926 OSHA Standards for the Construction Industry
8. 40 CFR Part 763 Subpart E, Asbestos Emergency Response Act (AHERA)
9. 40 CFR Part 763 "Revised Model Accreditation Plan"
10. Bay Area Air Quality Management District (BAAQMD) Regulation #11, Rule #2 Asbestos
12. National Plumbing Code
13. California Business & Professions Code Section 7058.5
16. 10 CFR 20.1404 and 10 CFR 30.4, Resource Conservation Regulations
23. American Chemical Society http://membership.acs.org/ccs/nano.htm (Provided by and with permission of Dr. Peter Lichty of Lawrence Berkeley National Laboratory)
25. ICON (Intl Council on Nanotechnology http://icon.rice.edu/
28. Compressed Gas Association (CGA) P-1 Safe Handling of Compressed Gases in Containers.
29. APR 8800.3, Chapter 23, Toxic Gas Management Procedural Requirements
30. NFPA 55, Storage, Use and Handling of Compressed and Liquified Gases in Portable Cylinders, National Fire Protection Association, Batterman Park, Quincy, MA.
31. California Health and Safety Code, Division 104, Part 7, Chapter 4, California Uniform Retail Food Facility Law.
34. Occupational Safety and Health Act, 1970.
35. ACGIH (American Conference of Governmental Industrial Hygienists). "TLVs and BEIs," Cincinnati, Ohio, most recent edition.
38. NPR 1800.3, NASA Environmental Health
39. NHB 2710.1, NASA Occupational Safety and Health Handbook
40. Occupational Safety and Health Standards, OSHA Code of Federal Regulations, Title 29 Part 1960, Basic Program Elements for Federal Occupational Safety and Health Programs
41. Executive Order 12196, Occupational Safety and Health Programs for Federal Employees


50. NHS/IH-1845.3A, NASA Health Standard on Hazard Communication

51. ANSI Z400.1-1993, Material Safety Data Sheets - Preparation

52. 58 FR 41981, Executive Order 12856, August 3, 1993, Occupational Safety and Health Programs for Federal Employees.


55. 41 CFR 101-20.105-3

56. Executive Order (Subject: Protecting Federal Employees and the Public from Exposure to Tobacco Smoke in the Federal Workplace), dated August 9, 1997.

57. OSHA Publication 2014, OSHA Record Keeping and Reporting Guidelines for Federal Agencies.

58. NPG 1890.1, NASA Occupational Health Program Procedures.

59. APD 7234.4, Management of Air Show Activities

60. APD 8829.1, Construction Permit

61. APD 1371.5, Coordination and Authorization of Access by International Visitors or Representatives to Ames

62. APR 1620.1, Security Procedural Requirements

63. San Francisco Bay Area Quality Management District Regulations


66. .42 CFR 84 Subpart J Particulate Respirators

67. Ames reference on glove selection: http://q.arc.nasa.gov/qh/safety/gloves/

68. Job Hazard Analysis Form: https://q.arc.nasa.gov/content/job-hazard-analysis

69. NIOSH Recommended Chemical Clothing: http://www.cdc.gov/niosh/nccc/

70. ANSI Z 1361 - 2007 Safe Use of Lasers


73. NPR 1800.2 NASA Occupational Health Program.

74. NPD 1820.1 NASA Environmental Health Program.

75. NPR 8621.1, "NASA Procedural Requirements for Mishap and Close Call Reporting, Investigating, and Record keeping.

76. 29 CFR Part 1904, Recording and Reporting Occupational Injuries and Illnesses.
78. NASA Standard STD-8719.17, NASA Requirements for Ground-Based Pressure Vessels and Pressurized Systems
79. NPR 1400.1D, NASA Directives System Procedural Requirements
80. APR 8735.2, Deviation / Waiver Process
81. 49 CFR, Dept. of Transportation, Subchapter A, Hazardous Materials and Oil Transportation
82. National Electrical Code published by the National Fire Protection Association, NFPA-70; 70B; 70E and 79.
84. Instrumentation, Systems, and Automation Society (ISA)
85. American Society for Testing and Material (ASTM)
86. International Electrical Testing Association (NETA)
91. CCR Title 8, Article 109, Section 5162, Emergency Eyewash and Shower Equipment.
92. CCR Title 8, Article 10, Section 5185, Changing and Charging of Storage Batteries.
95. 10 CFR 34, Licenses for Radiography and Radiation Safety Requirements for Radiographic Operations
96. 10 CFR 150, Exemptions and Continued Regulatory Section 274 (Recognition of Agreement State
97. MIL-STD-271, Requirements for Nondestructive Testing Methods
98. 8 CCR Div 1, Ch. 4, California Code of Regulations (CCR), Division of Industrial Safety
100. http://procure.arc.nasa.gov (procurement home page)
102. NPD 1820.2, NASA Environmental Health Program, Hearing Conservation
103. NPR 1800.1, NASA Occupational Health Program Procedures
104. Ames Environmental Procedural Requirements, APR 8800.3.
105. California Code of Regulations (CCR)
    Title 8, Section 5216 (General Industry Safety Orders (GISO), Lead) Title 8, Section 1532.1 (Construction Industry Safety Orders, Lead) Title 8, Sections 5141 & 5144 (Control of Harmful Exposure to Employees and Respiratory Protection)
    Title 17, CCR, Division 1, Chapter 8 (Accreditation, Certification, and
Work Practices for Lead-Based Paint and Lead Hazards)

106. Department of Housing and Urban Development (HUD), Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing.


**P.4 Reference**

N/A

**P.5 Cancellation**

N/A

[Back to Table of Contents]