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## Appendix B Additional References and Citations

These references apply unless superseded by more current standards.

## 1. American Concrete Institute

Reference Paragraph	RSHS Section
American Concrete Institute. ACI 318 – AC318 Building Code Requirements for Structural Concrete.	25
American Concrete Institute. ACI 347 - Guide to Formwork for Concrete.	25

## 2. American Industrial Hygiene Association

Reference Paragraph	RSHS Section
American Industrial Hygiene Association. The Occupational Environment —	32
Its Evaluation, Control and Management. Falls Church, VA: AIHA, 2011.	

## 3. American National Standards Institute (ANSI)

Reference Paragraph	RSHS
	Section
A10.8, Scaffolding Safety Requirements.	13
A10.9-2013 (R2018), Safety Requirements for Concrete and Masonry Work.	25
A10.11, Safety Requirements for Personnel Nets	26
A10.13, Safety Requirements for Steel Erection	26
A10.14, Construction and Demolition Operations - Requirements for Safety	
Belts, Harnesses, Lanyards and Lifelines for Construction and	16
Demolition Use.	
A14.15, Ladders.	13
B30.9, Slings.	18
B30.10, Hooks.	18
B30.20, Below-the-Hook Lifting Devices.	18
B30.26, Rigging Hardware.	18
S3.21-2004 (R2009), Methods For Manual Pure-Tone Threshold Audiometry.	31
Z35.1, Specifications for Accident Prevention Signs.	9

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Z87.1, Occupational and Educational Personal Eye and Face Protection Devices.	8
Z89.1, Industrial Head Protection.	8
Z136.1, Safe Use of Lasers.	8
Z308.1, Minimum Requirements for Industrial Unit– Type First Aid Kits. ANSI/ISEA Z308.1-2015	5
Z490.1, Safety, Health, and Environmental Training.	16
Z535, Safety Alerting Standards	9
Z535.2, Environmental and Facility Safety Signs	9
Z535.1, Safety Colors.	28
Z359.2, Minimum Requirements for a Comprehensive Managed Fall Protection Program.	16
358.1-2014. Association. American National Standard for Emergency Eyewash and Shower Equipment.	33

## 4. American Society for Testing Materials (ASTM)

Reference Paragraph	RSHS
	Section
ASTM D1048, Standard Specification for Rubber Insulating Blankets.	8
ASTM D1049, Standard Specification for Rubber Insulating Covers.	8
ASTM D1050, Standard Specification for Rubber Insulating Line Hose.	8
ASTM D178, Standard Specification for Rubber Insulating Matting.	8
ASTM D1051, Standard Specification for Rubber Insulating Sleeves.	8
ASTM D120, Standard Specification for Rubber Insulating Gloves.	8
ASTM F1414, Standard Test Method for Measurement of Cut Resistance to	8
Chainsaw in Lower Body (Legs) Protective Clothing.	ŏ
ASTM F1897, Standard Specification for Leg Protection for Chain Saw	8
Users.	0
ASTM F2413, Standard Specification for Performance Requirements for	8
Protective (Safety) Toe Cap Footwear.	0
ASTM F1506 REV A - Standard Performance Specification for Flame	
Resistant and Electric Arc Rated Protective Clothing Worn by Workers	12
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## 5. American Society of Mechanical Engineers

Reference Paragraph	RSHS
	Section
A13.1, Scheme for Identification of Piping Systems.	9
A120.1 Safety Requirements for Powered Platforms and Traveling Ladders	19B
and Gantries for Building Maintenance	190
B30.2 Overhead and Gantry Cranes (Top Running Bridge, Single or Multiple	19A/B
Girder, Top Running Trolley Hoist)	13770
B30.3 Tower Cranes.	19A
B30.5 Mobile and Locomotive Crane	19B
B30.6 Derricks	19A
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B30.8 Floating Cranes and Floating Derricks	19B
B30.12 Handling Loads Suspended from Rotorcrafts	19B
B30.14 Side Boom Tractors	19B
B30.16 Overhead Underhung and Stationary Hoist	19A
B30.17 Cranes and Monorails (With Underhung Trolley or Bridge)	19A
B30.19 Cableways	19A
B30.22 Articulating Boom Cranes	19B
HST-6M, Performance Standard for Air Wire Rope Hoists.	19A

## 6. American Society of Safety Professionals (ASSP)

Reference Paragraph	RSHS Section
ASSP A10.22 Safety Requirements for Rope-Guided and Non-Guided Workers' Hoists	19B
ASSP A10.5 Safety Requirements for Material Hoists	19B

## 7. United States Army Corps of Engineers

Reference Paragraph	RSHS Section
U.S. Army Corps of Engineers. Safety and Health Requirements. Manual no. EM 385-1-1 (2014).	4

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## 8. Bureau of Land Management

Reference Paragraph	RSHS Section
Bureau of Land Management Handbook Tower Climbing and Fall Protection Program, 1292-1 (2011)/1292-1 I (2016).	30

## 9. Centers for Disease Control and Prevention

Reference Paragraph	RSHS Section
Centers for Disease Control and Prevention. 42 CFR 84, Respiratory Protective Devices	32
Centers for Disease Control and Prevention. Limiting Heat Burden While Wearing Personal Protective Equipment (PPE).	45
Centers for Disease Control and Prevention. OSHA-NIOSH Heat Safety Tool.	45

### **10. United States Coast Guard**

Reference Paragraph	RSHS Section
Coast Guard, Department of Homeland Security. 46 C.F.R. 25 – Requirements.	28

## 11. Contract Work Hours and Safety Standards Act (CWHSSA)

Reference Paragraph	RSHS Section
Contract Work Hours and Safety Standards Act (CWHSSA), Public Law 107- 217, 116 Stat. 1062, 1304 (2002).	1

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## 12. Department of Agriculture

Reference Paragraph	RSHS Section
Department of Agriculture. Standard for Spark Arresters for Internal Combustion Engines. Forest Service Standard 5100-1d.	10

## 13. Department of Energy

Reference Paragraph	RSHS Section
US Department of Energy - Hanford Site. Hanford Hoisting and Rigging Manual.	18 / 19B

## 14. Department of the Interior

Reference Paragraph	RSHS
	Section
Department Manual, Part 485, Chapter 5, Program Evaluations	38
Department Manual, Part 485, Chapter 6, Inspections and Abatement	41
Department Manual, Part 485, Chapter 7, Incident and Accident Reporting	40
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Department Manual, Part 412 DM, Chapter 1, Motor Vehicle Management	39
Departmental Manual, Part 900, Chapter 41, Emergency Management	6
US Department of the Interior Office of Occupational Safety and Health.	19B
Medical Program Handbook (Fifth Edition).	
Department Personnel Bulletin NO: 17-15, Drug-Free and Alcohol-Free	39
Workplace Plan. (October 2017)	
Department Temporary Duty Travel Policy.	39

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## **15. Department of Transportation**

Reference Paragraph	RSHS Section
U.S. Department of Transportation Federal Highway Administration. Manual on Uniform Traffic Control Devices (MUTCD).	9
U.S. Department of Transportation. Pipeline and Hazardous Materials Safety Administration. Emergency Response Guidebook.	21
Department of Transportation, Shippers—General Requirements for Shipments and Packaging	32
U.S. Department of Transportation. Pipeline and Hazardous Materials Safety Administration. 49 C.F.R. 172.101 Appendix A. <i>List of Hazardous</i> <i>Substances and Reportable Quantities</i> .	21
Department of Transportation. 49 CFR 178, Specifications for Packaging.	11/32
Department of Transportation. 49 CFR 180, Continuing Qualification and Maintenance of Packaging	32

## **16. Environmental Protection Agency**

Reference Paragraph	RSHS
	Section
Environmental Protection Agency. 40 CFR 211, Product Noise Labeling.	0
www.govinfo.gov/app /details/CFR-2002-title40-vol21/CFR-2002-title40-vol21-part211/summary.	8
Environmental Protection Agency. 40 CFR Part 763, Asbestos. Code of Federal Regulations: Chapter 40, Part 763 Asbestos (epa.gov)	36

## 17. European Standards

Reference Paragraph	RSHS Section
European Standard EN 12492, Standard for Mountaineering Helmets. National Fire Protection Association.	8

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### **18. Executive Orders**

Reference Paragraph	RSHS Section
Executive Order 12196, Occupational Safety and Health Programs for	
Federal Employees. https://www.archives.gov/federal-	1
register/codification/executive-order/12196.html.	

## **19. Federal Communications Commission**

Reference Paragraph	RSHS
	Section
Federal Communications Commission. 47 CFR 1.1310, Radiofrequency	
Radiation Exposure Limits, Federal Register no. 78:33650, June 4,	30
2013.	
Federal Communications Commission. 47 CFR 17, Construction, Marking,	30
and Lighting of Antenna Structures.	50

## 20. Federal Occupational Safety and Health Administration (OSHA)

Reference Paragraph	RSHS
	Section
1910.25, Stairways.	13
1910.28, Duty to have Fall Protection and Falling Object Protection.	13 / 14
1910.29(b)(13)(i) – Fall protection and guardrails-walking, working surfaces.	28
1910.29, Fall Protection and Falling Object Protection and Practice Criteria.	16
1910.38, Emergency Action Plans.	6
1910.95, Occupational Noise Exposure.	31
1910.97, Nonionizing Radiation. 1910.97 - Nonionizing radiation.	46
1910.101, Compressed Gases	17
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1910.110, Storage and Handling of Liquefied Petroleum Gases.	11
1910.120 Hazardous waste operations and emergency response.	21
1910.134, Respiratory Protection.	32
1910.145, Specifications for accident prevention signs and tags.	9
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1910.146 App F, Non-Mandatory Appendix F – Rescue Team or Rescue Service Evaluation Criteria	14
1910.147, The control of hazardous energy (lockout tagout).	15
1910.151, Medical Services and First Aid.	33
1910.176, Subpart N, Materials Handling and Storage.	11
1910.178, Materials Handling and Storage	20
1910.179, Overhead and gantry cranes.	18
1910.184, Slings	18
1910.215, Abrasive wheel machinery	17
1910.243, Guarding of portable powered tools	17
1910.244, Other portable tools and equipment	17
1910.252, Welding, cutting, and brazing	17
1910.268, Telecommunications.	30
1910.269, Electric power generation, transmission, and distribution.	15
1910.333, Selection and use of work practices.	15
1910.410, Qualifications of a Dive Team.	29
1910.420, Safe Practices Manual.	29
1910.421, Pre-Dive Procedures.	29
1910.422, Procedures During a Dive.	29
1910.423, Post-Dive Procedures.	29
1910.424, SCUBA Diving.	29
1910.425, Surface-Supplied Air Diving.	29
1910.430, Equipment.	29
1910.1020, Access to Employee Exposure and Medical Records.	37
1910.1020, Access to Employee Exposure and Medical Records.	31 / 36
1910.1025, Lead.	37
1910.1030 App A Hepatitis B Vaccine Declination (Mandatory).	35
1910.1030, Bloodborne Pathogens.	35
1910.1096, Ionizing Radiation. 1910.1096 - Ionizing radiation.	46
1910.1200 - Hazard Communication.	21 / 33 / 34
1910.1450, Occupational Exposure to hazardous chemicals in laboratories.	33 / 34
1926, Safety and Health Regulations for Construction.	1/2
1926 Subpart AA, Confined Spaces in Construction.	14
1926 Subpart CC – Cranes and Derricks in Construction.	19B
1926 Subpart CC. 1926.1411, Power line safety-while traveling under or near	12
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1926 Subpart D, Occupational Health and Environmental Controls.	22
1926 Subpart G, Signs, Signals, and Barricades	9
1926 Subpart L, Appendix A, Scaffold Specifications.	13
1926 Subpart N – Helicopters, Hoists, Elevators, and Conveyors.	19B

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1926 Subpart O – Motor Vehicles, Mechanized Equipment, and Marine	
Operations.	19B
1926, Subpart E, Personal Protective and Lifesaving Equipment.	8
1926.21, Safety Training and Education	20
1926.23, First Aid and Medical Attention.	5
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1926.417, Lockout and tagging of circuits.	15
1926.451, Scaffolds General Requirements.	13
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1926.752, Site Layout, Site-Specific Erection Plan and Construction	00
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1926.961, Deenergizing lines and equipment for employee protection.	15
1926.1101, Asbestos.	36
1926.1153 - Respirable crystalline silica.	25
1926.1412, Inspection.	18
1926.1413 Wire rope—inspection.	18
1926.1431, Hoisting Personnel.	13
1960 Subpart J Evaluation of Federal Occupational Safety and Health	20
Programs.	38
1960, Basic Program Elements for Federal Employees.	1
1960.25, Qualifications of Safety and Health Inspectors and Agency	41 / 42
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1960.58 Training of collateral duty safety and health personnel and committee members.	41 / 42
1904 Subpart E, Reporting Fatality, Injury and Illness Information to the Government.	3
29 CFR 1904.10, Recording Criteria for Cases Involving Occupational Hearing Loss.	31
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OSHA 3150 2002 (Revised), A Guide to Scaffold Use in the Construction Industry.	13
OSHA Act 1970, Public Law 91-596, 84 Stat. 1590 (1970).	1
OSHA Brief, Hazard Communication Standard: Labels and Pictograms.	33
OSHA Letter of Interpretation, Clarification of Maintenance vs. Construction Activities. https://www.osha.gov/laws-regs/standardinterpretations/2003- 11-18	37

## 21. General Services Administration (GSA)

Reference Paragraph	RSHS
	Section
U.S. General Services Administration (GSA). Accident Management Center (AMC).	39
U.S. General Services Administration (GSA). Fed Fleet 2020 Presentation. Regulations and Policies FAQ's.	39
U.S. General Services Administration (GSA). Federal Management Regulation Part 102- 34 – Motor Vehicle Management.	39
U.S. General Services Administration (GSA). Motor Vehicle Management Policy Overview.	39

### 22. Infrastructure Health and Safety Association

Reference Paragraph	RSHS Section
Hoisting and Rigging Safety Manual	16 / 18 / 19A / 19B

## 23. International Code Council

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Reference Paragraph	RSHS Section
International Code Council. International Fire Code.	10

### 24. Motorola Solutions

Reference Paragraph	RSHS Section
Motorola Solutions. Environmental Health and Safety Tower Climbing Guidelines.	30
Motorola Solutions. Standards and Guidelines for Communication Sites.	30

## 25. National Aeronautics and Space Administration

Reference Paragraph	RSHS Section
National Aeronautics and Space Administration. Johnson Space Center Safety and Health Handbook, Chapter 2.3, "Hazard Analysis" (2002).	4

## 26. National Fire Protection Agency (NFPA) Publications

Reference Paragraph	RSHS
	Section
NFPA No. 51B, Standard for Fire Prevention During Welding, Cutting, and Other Hot Work.	10
NFPA No. 54/ANSI Z223.1, National Fuel Gas Code.	10
NFPA No. 58, Liquefied Petroleum Gas Code.	10
NFPA No. 70, National Electrical Code.	11 / 27
NFPA No. 70E, Standard for Electrical Safety in the Workplace.	8 / 12
NFPA No. 72, National Fire Alarm and Signaling Code.	10
NFPA No. 101, Life Safety Code.	6 / 10 / 44
NFPA No. 350, Guide for Safe Confined Space Entry and Work. (2019)	14
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## 27. National Institute for Occupational Safety and Health (NIOSH)

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Criteria for Recommended Standard: Occupational Exposure to Heat and Hot Environments, 2016.	45
Heat Stress Acclimatization, 2017.	45
Noise and Hearing Loss Prevention, 2018.	31
Occupational Noise Exposure, Revised Criteria 1998.	31

## 28. National Oceanic and Atmospheric Administration

Reference Paragraph	RSHS Section
National Oceanic and Atmospheric Administration. Wind Chill Chart.	45

## 29. Navigation and Navigable Waters

Reference Paragraph	RSHS
	Section
Navigation and Navigable Waters. 33 C.F.R. 88.13 – Lights on moored barges.	28
Navigation and Navigable Waters. 33 C.F.R. 88.15 – Lights on dredge pipelines.	28

## 30. Nuclear Regulatory Commission

Reference Paragraph	RSHS
	Section
Nuclear Regulatory Commission. 10 CFR 20.2202, Notification of Incidents. § 20.2202 Notification of Incidents.	46
Nuclear Regulatory Commission. 10 CFR, Part 20, Standards for Protection Against Radiation.	46

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### **31.Office of Personnel Management**

Reference Paragraph	RSHS Section
Office of Personnel Management. 5 CFR 293, Personnel Records.	31

## 32. Reclamation Facilities Instructions, Standards, and Techniques (FIST)

Reference Paragraph	RSHS
	Section
1-1, Hazardous Energy Control Program.	9/12/14/
1-1, Hazardods Energy Control Program.	15
2-9, Inspection of Unfired Pressure Vessels.	17
3-6, Storage Batteries Maintenance and Principles.	12
4-1A Maintenance Scheduling for Mechanical Equipment, Revised January 2009.	18 / 19A / 19B
5-1, Personal Protective Grounding for Electric Power Facilities and Power	12
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5-14, Electrical Safety Program.	8 / 12
6-2, Conduct of Power Maintenance, March 2006.	19A / 19B
6-3, Unexpected Event Reporting	40

### **33. Reclamation Documents**

Reference Paragraph	RSHS Section
O&M Guidance & Training Resources. Guidelines for The Process of	
Evaluating the Reliability of Mechanical Equipment During Dam Safety	19A
Comprehensive Facility Review Examinations.	
Concrete Manual Part 2: A Water Resources Technical Publication. Ninth	25
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O&M Guidance & Training Resources. Review of Operation and	19A
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SAF 01, Appendix A, Stop Work Authority Procedures.	22
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SAF P01, Safety and Occupational Health Program.	19A / 19B
SLE 08-03, Serious Incident Reporting and Duty Officer Program.	40
Trailer Annual Preventative Maintenance Inspection. 7-1776B (5-06)	28
Watercraft (Includes Inboard and Outboard Motors) Preventative Maintenance Inspection. 7-1776B (5-06)	28

## 34. State of Washington

Reference Paragraph	RSHS Section
Washington State Department of Labor and Industries. Industrial Safety and	
Health Act, Chapter 296-32 WAC, Safety Standards for	30
Telecommunications (Form Number F414-017-000).	

## **35. Telecommunications Industry Association**

Reference Paragraph	RSHS Section
Telecommunications Industry Association. TIA-222-H, Structural Standard	
for Antenna Supporting Structures, Antennas and Small Wind Turbine	30
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## 36. United States Title 49

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## 37. United States Geological Survey (USGS)

Reference Paragraph	RSHS Section
United States Geological Survey. Occupational Safety and Health Program	
Requirements Handbook (445-2-H), Chapter 44, "Fall Protection	16
Program."	

### **38. United States Code**

Reference Paragraph	RSHS Section
U.S. Code Title 40, Subtitle II, Part A, Chapter 33, Acquisition, Construction, and Alteration.	44

## **39. University of North Carolina**

Reference Paragraph	RSHS Section
University of North Carolina Department of Environment, Health and Safety. Job Safety Analysis (JSA) Library. https://ehs.unc.edu/workplace- safety/jsa/	4