High Bridge Wind Project Preliminary Health and Safety Plan

High Bridge Wind, LLC

2019

High Bridge Wind Project
Preliminary Health and Safety Plan
2019

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1. Introduction

High Bridge Wind, LLC ("High Bridge Wind") will provide a safe work environment for all High Bridge Wind-affiliated workers during construction and operation of the High Bridge Wind Project (the "Project"). All jobs performed at the Project will be required to comply with Occupational Safety and Health Act (OSHA) laws and regulations, and in specific cases, will exceed these requirements. The safety and health of High Bridge Wind-affiliated workers is of the utmost importance. Consistent with this principle, High Bridge Wind has developed this Health and Safety Plan (HASP) to ensure the safety of workers during construction and operation of the Project. High Bridge Wind is a wholly owned subsidiary of Calpine Corporation ("Calpine") and has incorporated many of Calpine's health and safety procedures into this HASP by reference.

1.1. Calpine's Safety Program

High Bridge Wind will be governed by Calpine's Safety and Health Program. Calpine has an Environmental, Health, and Safety (EHS) Department that is responsible for implementing procedures and policies to ensure each Project has a safe work environment. Health and Safety will be the direct responsibility of the Contract Construction Site Manager during construction and of the Plant Manager during construction and operations. Both managers will work with the Calpine EHS Department to ensure that the Applicant's standards identified in this document are met, at the least. The Project will be assigned an EHS specialist who will be a resource for ensuring that this HASP and related Calpine policies are implemented effectively during construction, commissioning and operation of the Project. The EHS specialist will have access to regional subject matter experts and management staff for HASP implementation support.

In addition, Calpine has a comprehensive management system—called the Calpine Incident Collection System (CICS)--that covers health and safety matters, including information from near misses and incidents that occur throughout the fleet and ensure that best management practices and lessons learned are shared across the company's various regions and disciplines. The site will notify Calpine EHS of any incidents and the CICS will be updated accordingly. An incident investigation is required for selected incidents that are significant or have the potential for lessons learned to be shared. Best management practices and lessons learned are shared throughout the fleet on conference calls, in newsletters and at tailboard meetings.

2. Program Description

Programs have been developed specific to the Project that will be implemented to avoid, mitigate, and appropriately manage identified hazards. The preliminary hazard analysis for construction and operation activities is presented in Table 2-1. The table specifically identifies the hazard posed by each activity and the program designed to reduce the occurrence of each hazard (under the "Control" column). Because the types of potential hazards may occur during site construction and/or operation, a column for construction ("Const.") and operation ("Ops") indicates when a hazard might apply to one or both phases of the Project.

Programs set forth the methods that will be followed to achieve particular health and safety objectives. For example, the Fire Protection and Prevention Program describes the steps necessary to protect against and prevent fires. This includes the equipment required, such as alarm systems and firefighting equipment, and

procedures that should be followed to protect against fires. The programs or plans are set forth in written documents that are usually kept at specific locations at the Project.

Each program or plan also requires training in the form of courses, which are taught to site construction and operations personnel as needed. For example, all site operating personnel will receive training in protection against heat and cold, but only those working with flammables will receive training under the operation and use of fire extinguishers.

Prior to commencing construction, High Bridge Wind will conduct a final assessment of the hazards associated with constructing and operating the Project and identify the activities that necessitate development of health and safety programs. High Bridge Wind will then use the Calpine templates to develop site-specific programs for each hazard identified. High Bridge Wind will take similar steps prior to commencing operation of the Project.

Table 2-1. Preliminary Construction and Operations Hazard Analysis for High Bridge Wind

Activity	Hazard	Control	Const.	Ops
Motor vehicle and heavy equipment use	Employee injury and property damage from collisions between people and equipment	• Safe Driving Program • Motor Vehicle and Heavy Equipment Safety Program	✓	✓
Forklift operation	Employee injury and property damage from collisions or dropped loads	Forklift Operation Program	✓	✓
Trenching and excavation	Employee injury and property damage from the collapse of trenches and excavations or exposure to fumes or vapors that have collected in the trench/excavation	Excavation/Trenching Program	✓	
Working at elevated locations	Falls from the same level and elevated areas	• Fall Prevention Program • Scaffolding/Ladder Safety Program • Articulating Boom Platforms Program • Competent Wind Turbine Climbing & Working-at-Heights Program • Authorized/Certified Tower Climb/Rescue Program	✓	✓
Using cranes and derricks	• Property damage from falling loads • Employee injuries from falling loads	• Crane and Material Handling Program • Crane Operator Certification	✓	✓

Activity	Hazard	Control	Const.	Ops
	• Injuries and property damage from contact with crane or derrick			
Working with flammable and combustible liquids	Fire/spills	• Fire Protection and Prevention Program • Housekeeping and Material Handling and Storage Program	✓	✓
Working with hazardous materials	Employee injury due to ingestion, inhalation, dermal contact	• Hazard Communication Program • PPE Program • Respiratory Protection Program	✓	✓
Hot work (including cutting and welding)	• Employee injury and property damage from fire • Exposure to fumes during cutting and welding • Ocular exposure to ultraviolet and infrared radiation during cutting and welding	• Hot Work Safety Program • Respiratory Protection Program • Employee Exposure Monitoring Program • PPE Program • Fire Protection and Prevention Program	✓	✓
Inspection and maintenance of temporary systems used during construction activities	Employee injury and property damage from contact with hazardous energy sources (electrical, thermal, mechanical, etc.)	• Electrical Safety Program • LOTO Program	✓	
Working on electrical equipment and systems	Employee contact with live electricity and energized equipment	• Electrical Safety Program • PPE Program • LOTO Program	✓	✓
Exposure to hazardous waste	Personnel who are working with or have the potential to be exposed to hazardous waste.	Hazardous Waste Program	✓	✓
Troubleshooting and maintenance of plant systems and other ops	Employee injury and property damage from contact with hazardous energy sources (electrical, thermal, mechanical, etc.)	• Electrical Safety Program • LOTO Program		✓
Confined space entry	Employee injury from physical and chemical hazards	• Permit-required, Confined-Space Entry Program	✓	✓

Activity	Hazard	Control	Const.	Ops
		• Respiratory Protection Program		
General activity	Employee injury from hand and portable power tools	• Hand and Portable Power Tool Safety Program • PPE Program	✓	✓
General activity	Employee injury/property damage from inadequate walking and work surfaces	• Housekeeping and Material Handling and Storage Program • Fall Protection Program	✓	✓
General activity	Employee exposure to occupational noise	• Hearing Conservation Program • PPE Program	✓	✓
General activity	Employee injury from improper lifting and carrying materials and equipment, and other ergonomic injuries	• Back Injury Prevention Program • Ergonomic Awareness Program • Workplace Ergonomics Program	✓	✓
General activity	Employee injury to head, eye/face, hand, body, foot, and skin	PPE Program	✓	✓
General activity	Employee exposure to hazardous gases, vapors, dusts, and fumes	• Hazard Communication Program • Respiratory Protection Program • PPE Program • Air Monitoring Program • Employee Exposure Monitoring Program •	✓	✓
General activity	• Employee exposure to various hazards • Reporting of hazardous conditions	Injury and Illness Prevention Program	✓	✓
General activity	Heat and cold stress	Heat and Cold Stress Monitoring and Control Program	✓	✓
General activity	Employee injury and property damage from unsafe driving	Safe Driving Program	✓	✓
Construction and testing of high-pressure steam and air systems	Employee injury and property damage due to failure of pressurized system components or unexpected release of	• LOTO Program	✓	✓

Activity	Hazard	Control	Const.	Ops
	pressure			

Notes:

1. The hazards and hazard controls provided are generic to construction activities. During various phases of construction, a hazard analysis will be performed to more specifically evaluate the relevant hazards and to develop appropriate controls.
2. The hazard and hazard controls provided are generic to operational activities. This hazard analysis will be updated, as necessary, prior to commissioning of the Project or if Project operations change or new equipment is added that was not considered during this evaluation.

LOTO = lock-out/tag-out
PPE = personal protective equipment

3. Health and Safety Programs

To protect the safety and health of workers during the construction and operation of the Project, health and safety programs designed to mitigate hazards and comply with applicable regulations will be implemented. Periodic audits will be performed by qualified individuals to determine whether proper work practices are being used to mitigate hazardous conditions and to evaluate regulatory compliance. The following subsections contain information on the anticipated content of the health and safety programs to be implemented at the Project.

3.1. Construction

The health and safety programs outlined in Table 3-1 will be developed and implemented during construction of the Project.

Table 3-1. Construction Health and Safety Programs

Program Name	Topics Addressed in the Program
Injury and Illness Prevention Program	• Philosophy and safety commitment • Safety leadership and responsibilities • Accountability • Specific core safety processes (see Construction Safety Programs later in this subsection) • Employee communication • Planning "job hazard analysis and pre-task" • Compliance with work rules and safe work practices • Measurement of compliance and effectiveness of prevention methods, and inspections/audits • Communication of performance and implementation of necessary improvements • Training and other communication requirements
Competent Wind Turbine Climbing & Working-at-Heights Program	• Fall Protection Standards and Regulations • Hazard Control and Risk Assessments • Wind Turbine Equipment Hazards • Connecting Devices and Harnesses

Table 3-1. Construction Health and Safety Programs

Program Name	Topics Addressed in the Program
	• Specialty Lifeline, Climbing, and Descent Systems • PPE Requirements • Safe Access • Work at Height Emergencies

Authorized/Certified Tower Climb/Rescue Program	• Certified Program
	  • Fall Prevention & Protection
	  • Regulations and Standards
	  • Connecting Devices and Harnesses
	  • Specialty Lifeline, Climbing, and Descent Systems
	  • Hazard Recognition, Evaluation and Control
	  • Rescue Planning
	  • Rescue Equipment
	  • Rescue Techniques

Blasting Awareness Safety Program	• Blasting warning whistles and communication • Safe operating parameters • Unauthorized entry barricades and flagged areas • Storage of explosives and blasting agents
Fire Protection and Prevention Program	• General requirements • Housekeeping and proper material storage • Employee alarm/communication system • Portable fire extinguishers • Fixed firefighting equipment • Fire control and containment • Flammable and combustible liquid storage • Dispensing and disposal of flammable liquids • Service and refueling areas • Training
PPE Program	• Personal protective devices • Hazard analysis • Training • Head protection • Eye/face protection • Body protection • Hand protection • Foot protection • Skin protection • Fall protection • Electrical arc flash protection • Respiratory protection • Ergonomic Awareness Program • Hearing protection

Table 3-1. Construction Health and Safety Programs

Program Name	Topics Addressed in the Program
First Aid, CPR, and Automated External Defibrillator	• General requirements • Written program • Training • Maintenance
Emergency Action Program/Plan	Emergency procedures for the protection of personnel, equipment, the environment, and materials: • Fire and emergency reporting procedures • Response actions for accidents involving personnel and/or property • Bomb threat response procedures • Site assembly and emergency evacuation route procedures • Natural disaster response • Stop work authority Reporting and notification procedures for emergencies and contacts, including offsite and local authorities: • Alarm and communication systems • Spill response, prevention, and control action plan • Emergency response equipment • Training requirements
Motor Vehicle and Heavy Equipment Safety Program	• Operation and maintenance of vehicles • Inspection • PPE • Training
Forklift Operation Program	• Trained and certified operators • Fueling operations • Safe operating parameters • Training
Excavation/Trenching Program	• Shoring, sloping, and benching requirements • OSHA permit requirements • Inspection • Air monitoring • Access and egress
Fall Protection Program	• Evaluation of fall hazards • Protection devices • Training
Scaffolding/Ladder Safety Program	• Construction and inspection of equipment • Proper use • Training
Articulating Boom Platforms Program	○ Inspection of equipment, including load ratings • Safe operating parameters • Operator training

Table 3-1. Construction Health and Safety Programs

Program Name	Topics Addressed in the Program
Crane and Material Handling Program	• Certified and licensed operators ○ Inspection of equipment, including load ratings • Safe operating parameters • Training
Hazardous Waste Program	• Evaluation of hazard • Training • PPE Program
Hot Work Safety Program	• Welding and cutting procedures • Acetylene and fuel gas safety procedures • Fire watch • Hot work permit • PPE • Training
Employee Exposure Monitoring Program	• Exposure evaluation • Monitoring requirements • Reporting of results • Medical surveillance • Training
Electrical Safety Program	• Grounding procedure • Overhead and underground utilities • Utility clearance • Assured Grounding Program/Ground Fault Circuit Interrupters • Training
LOTO Program	• Allocation of devices (locks, tags, and adaptors) • LOTO sequencing • Types/magnitudes of energy • Types/locations of machines • Zero Energy Verification • Training
Permit-required Confined-space Entry Program	• Air monitoring and ventilation requirements • Rescue procedures • LOTO and blocking, blinding, and blanking requirements • Permit completion • Training
Hand and Portable Power Tool Safety Program	• Guarding and proper operation • Training
Housekeeping and Material Handling and Storage Program	• Storage requirements • Walkways and work surfaces • Equipment handling requirements • Training

Table 3-1. Construction Health and Safety Programs

Program Name	Topics Addressed in the Program
Hearing Conservation Program	• Identifying high-noise environments • Exposure monitoring • Medical surveillance requirements • Hearing-protective devices • Training
Back Injury Prevention Program	• Proper lifting and material handling procedures • Training • Ergonomics Awareness Program
Hazard Communication Program	• Labeling requirements • Storage and handling • Safety Data Sheets (SDSs) • Chemical inventory • Training
Respiratory Protection Program	• Selection and use • Storage • Fit testing • Medical requirements • Inspection and repair • Training
Heat and Cold Stress Monitoring and Control Program	• Monitoring requirements • Prevention and control

3.2. Operations

Upon commencement of operations at the Project, the construction Health and Safety Plan will transition into an operation-oriented program reflecting the hazards and controls necessary during operation. Table 3-2 outlines the topics that will be included in the Operation Health and Safety Program.

Table 3-2. Operations Health and Safety Programs

Program Name	Topics Addressed in the Program
Injury and Illness Prevention Program	• Personnel with the responsibility and authority for implementing the plan • Safety and health policy • Work rules and safe work practices • System for ensuring that employees comply with safe work practices • Employee communications • Identification and evaluation of workplace hazards • Methods and/or procedures for correcting unsafe or unhealthy conditions, work practices, and work procedures in a timely manner based on the severity of the hazards • Specific safety procedures (see also Table 2-2) • Training and instruction

Table 3-2. Operations Health and Safety Programs

Program Name	Topics Addressed in the Program
Competent Wind Turbine Climbing & Working-at-Heights Program	• Fall Protection Standards and Regulations • Hazard Control and Risk Assessments • Wind Turbine Equipment Hazards • Connecting Devices and Harnesses • Specialty Lifeline, Climbing, and Descent Systems • PPE Requirements • Safe Access • Work at Height Emergencies

Authorized/Certified Tower Climb/Rescue Program	• Certified Program
	  • Fall Prevention & Protection
	  • Regulations and Standards
	  • Connecting Devices and Harnesses
	  • Specialty Lifeline, Climbing, and Descent Systems
	  • Hazard Recognition, Evaluation and Control
	  • Rescue Planning
	  • Rescue Equipment
	  • Rescue Techniques

First Aid, CPR, and Automated External Defibrillator	• General requirements • Written program • Training • Maintenance
Fire Protection and Prevention Program	• General requirements • Fire hazard inventory, including ignition sources and mitigation • Housekeeping and proper materials storage • Employee alarm/communication system • Portable fire extinguishers • Fixed firefighting equipment • Fire control • Flammable and combustible liquid storage • Use of flammable and combustible liquids • Dispensing and disposal of liquids • Training • Personnel to contact for information on plan contents
Emergency Action Program/Plan	This program/plan is part of the Risk Management Plan and Process Safety Management Program. • Emergency escape procedures and emergency escape route assignments Procedures to be followed by employees who remain to operate critical site operations before they evacuate. • Procedures to account for all employees after emergency evacuation has been completed

Table 3-2. Operations Health and Safety Programs

Program Name	Topics Addressed in the Program
	• Rescue and medical duties for those employees performing rescue and medical duties • Fire and emergency reporting procedures • Alarm and communication system • Personnel to contact for information on plan contents • Training requirements
PPE Program	• Hazard analysis and prescription of PPE • Personal protective devices • Head protection • Eye and face protection • Body protection • Hand protection • Foot protection • Skin protection • Sanitation • Safety belts and life lines for fall protection • Protection for electric shock • Medical services and first aid/bloodborne pathogens • Respiratory protective equipment • Hearing protection • Training
Motor Vehicle and Heavy Equipment Safety Program	• Operation and maintenance of vehicles • Inspection • PPE • Training
Forklift Operation Program	• Trained and certified operators • Fueling operations • Safe operating parameters • Training
Excavation/Trenching Program	• Shoring, sloping, and benching requirements • OSHA permit requirements • Inspection • Air monitoring • Access and egress Fall Protection Program • Evaluation of fall hazards • Protection devices • Training
Scaffolding/Ladder Safety Program	• Construction and inspection of equipment • Proper use

Table 3-2. Operations Health and Safety Programs

Program Name	Topics Addressed in the Program
	• Training
Articulating Boom Platforms Program	• Inspection of equipment • Load ratings • Safe operating parameters • Operator training
Crane and Material Handling Program	• Certified and licensed operators • Inspection of equipment • Load ratings • Safe operating parameters • Training
Hot Work Safety Program	• Welding and cutting procedures • Acetylene and fuel gas safety • Fire watch • Hot work permit • PPE • Training
Workplace Ergonomics Program	• Identification of personnel at risk • Evaluation of personnel • Workplace and job activity modifications • Training
Electrical Safety Program	• Grounding procedure • Overhead and underground utilities • Utility clearance • Training
LOTO Program	• Allocation of LOTO devices (locks, tags, and adaptors) • Machine-specific LOTO procedures • Steps for verification of isolation • Zero energy verification • Training (Affected and Authorized and Interaction with Energized Electrics) • Annual program review
Permit-required Confined-space Entry Program	• Air monitoring and ventilation requirements • Rescue procedures • LOTO and blocking, blinding, and blanking requirements • Permit completion • Training • PPE Program
Hand and Portable Power Tool Safety Program	• Guarding and proper operation • Training

Table 3-2. Operations Health and Safety Programs

Program Name	Topics Addressed in the Program
Housekeeping and Material Handling and Storage Program	• Storage requirements • Walkways and work surfaces • Equipment handling requirements • Training
Hearing Conservation Program	• Identifying high-noise environments • Exposure monitoring • Medical surveillance requirements • Hearing-protective devices • Training
Back Injury Prevention Program	• Proper lifting and material-handling procedures • Training • Ergonomics Awareness Program
Hazard Communication Program	• Labeling requirements • Storage and handling • SDSs • Chemical inventory • Training
Respiratory Protection Program	• Selection and use • Storage • Fit testing • Medical requirements • Inspection and repair • Training
Heat and Cold Stress Monitoring and Control Program	• Monitoring requirements • Prevention and control
Safe Driving Program	• Inspection and maintenance • Training

3.3. Safety Training

To ensure that employees recognize and understand how to protect themselves from potential hazards during this Project, comprehensive training programs for construction and operations will be implemented as indicated in Table 3-3. Each of the safety procedures developed to control and mitigate potential site hazards will require some form of training. Training will be delivered in a variety of ways, depending on the requirements of the particular OSHA standard, the complexity of the topic, the characteristics of the workforce, and the degree of risk associated with each of the identified hazards.

Table 3-3 summarizes the safety training programs that will be provided to construction and/or operations personnel, as applicable.

Table 3-3. Construction and Operations Training Program

Training Course	Target Employees
Injury and Illness Prevention Training	All
Emergency Action Program/Plan	All
PPE Training	All
Competent Wind Turbine Climbing & Working-at-Heights Safety and Rescue Program Training	Employees working in the Wind Turbines
Blasting Awareness Safety Program Training	All
Motor Vehicle and Heavy Equipment Safety Training	Employees working on, near, or with heavy equipment or vehicles
Forklift Operation Training	Employees operating forklifts
Excavation/Trenching Safety Training	Employees involved with trenching or excavation
Fall Protection Training	Employees working at heights greater than 6 feet or required to use fall protection
Scaffolding/Ladder Safety Training	Employees required to erect or use scaffolding or ladders
Crane Safety Training	Employees supervising or performing crane operations
Hazard Communication Training	Employees handling or working with hazardous materials
Hazardous Waste Training	Employees handling hazardous waste
Hot Work Safety Training	Employees performing hot work
LOTO Training	Employees performing LOTO or working on systems that require LOTO activities
Electrical Safety Training	Employees required to work on electrical systems and equipment, or use electrical equipment and cords
Permit-required Confined-space Entry Training	Employees required to supervise or perform confined-space entry activities
Hand and Portable Power Tool Safety Training	Employees who will be operating hand and portable power tools
Powder-actuated Tool Safety Training	Employees who will be operating powder-actuated tools
Heat Stress and Cold Stress Safety Training	All
Hearing Conservation Training	All
Back Injury Prevention Training	All
Safe Driving Training	All
Respiratory Protection Training	All employees required to wear respiratory protection
Fire Protection and Prevention Training	All
First Aid, CPR, and Automated External Defibrillator	All
Workplace Ergonomics Training	All

3.4. Laws and Regulations

Construction and operation of the Project will be conducted in accordance with all applicable laws and regulations. Table 3-4 summarizes the federal, State, and local laws and regulations relating to worker health and safety and identifies potentially applicable national consensus standards.

Table 3-4. Laws and Regulations for Worker Health and Safety

Laws and Regulations	Requirements/Applicability
Federal	
29 CFR Part 1910	Contains the minimum occupational safety and health standards for general industry in the United States
29 CFR Part 1926	Contains the minimum occupational safety and health standards for the construction industry in the United States
State of NY	
12 NYCRR Part 23	Addresses protection in construction, demolition and excavation operations
12 NYCRR Part 39	Addresses activities in relation to blasting
12 NYCRR Part 57	Addresses activities in relation to high voltage lines
12 NYCRR Part 59	Addresses workplace safety, loss and prevention programs
12 NYCRR Subpart 61-3	Establishes licensing requirements for crane operators
16 NYCRR Part 753	Addresses activities in relation to blasting
Local Town Standards for Guilford	
None	
Potentially-Applicable National Standards	
Uniform Fire Code, Article 80	Addresses the prevention, control, and mitigation of dangerous conditions related to storage, dispensing, use, and handling of hazardous materials and information needed by emergency response personnel
NFPA 10, Standard for Portable Fire Extinguishers	Requirements for selection, placement, inspection, maintenance, and employee training for portable fire extinguishers
NFPA 11, Standard for Low-Expansion Foam and Combined Agent Systems	Requirements for installation and use of low-expansion foam and combined-agent systems
NFPA 13, Standard for Installation of Sprinkler Systems	Guidelines for selection and installation of fire sprinkler systems
NFPA 13A, Recommended Practice for the Inspection, Testing, and Maintenance of Sprinkler Systems	Guidance for inspection, testing, and maintenance of sprinkler systems
NFPA 14, Standard for the Installation of Standpipe and Hose Systems	Guidelines for selection and installation of standpipe and hose systems
NFPA 17, Standard for Dry Chemical Extinguishing Systems	Guidance for selection and use of dry chemical extinguishing systems

Table 3-4. Laws and Regulations for Worker Health and Safety

Laws and Regulations	Requirements/Applicability
NFPA 22, Standard for Water Tanks for Private Fire Protection	Requirements for water tanks for private fire protection
NFPA 24, Standard for the Installation of Private Fire Service Mains and Their Appurtenances	Requirements for private fire service mains and their appurtenances
NFPA 26, Recommended Practice for the Supervision of Valves Controlling Water Supplies	Supervision guidance for valves controlling water supplies
NFPA 30, Flammable and Combustible Liquid Code	Requirements for storage and use of flammable and combustible liquids
NFPA 70, National Electric Code	Guidance on safe selection and design, installation, maintenance, and construction of electrical systems
NFPA 70, Article 480, National Electric Code (Storage Batteries)	Requirements for safe installation and wiring for battery electrical systems
NFPA 70B, Recommended Practice for Electrical Equipment Maintenance	Guidance on electrical equipment maintenance
NFPA 70E, Standard for Electrical Safety Requirements for Employee Workplaces	Employee safety requirements for working with electrical equipment
NFPA 71, Standard for the Installation, Maintenance, and Use of Central Station Signaling Systems	Requirements for installation, maintenance, and use of central station signaling systems
NFPA 72A, Standard for the Installation, Maintenance, and Use of Local Protective Signaling Systems for Guard's Tour, Fire Alarm, and Supervisory Service	Requirements for installation, maintenance, and use of local protective signaling systems
NFPA 72E, Standard on Automatic Fire Detection	Requirements for automatic fire detection
NFPA 72F, Standard for the Installation, Maintenance, and Use of Emergency Voice/Alarm of Communication Systems	Requirements for installation, maintenance, and use of emergency and alarm communications systems
NFPA 72H, Guide for Testing Procedures for Local, Auxiliary, Remote Station, and Proprietary Protective Signaling Systems	Testing procedures for types of signaling systems anticipated for the Project
NFPA 75, Standard for the Protection of Electronic Computer/Data Processing Equipment	Requirements for fire protection systems used to protect computer systems

Table 3-4. Laws and Regulations for Worker Health and Safety

Laws and Regulations	Requirements/Applicability
NFPA 78, Lightning Protection Code	Lightning protection requirements
NFPA 80, Standard for Fire Doors and Windows	Requirements for fire doors and windows
NFPA 90A, Standard for the Installation of Air Conditioning and Ventilating Systems	Requirements for installation of air conditioning and ventilating systems
NFPA 101, Code for Safety to Life from Fire in Buildings and Structures	Requirements for design of means of exiting the Project
NFPA 291, Recommended Practice for Fire Flow Testing and Marking of Hydrants	Guidelines for testing and marking of fire hydrants
NFPA 1961, Standard for Fire Hose	Specifications for fire hoses
NFPA 1962, Standard for the Care, Maintenance, and Use of Fire Hose Including Connections and Nozzles	Requirements for care, maintenance, and use of fire hoses
NFPA 1963, Standard for Screw Threads and Gaskets for Fire Hose Connections	Specifications for fire hose connections

Notes:
ASME = American Society of Mechanical Engineers, OSHA = Occupational Safety and Health Administration, and NFPA = National Fire Protection Association

4. Agencies and Agency Contacts

Several agencies are involved to ensure protection of worker health and safety. Agency contacts relative to day-to-day worker health and safety and fire concerns are shown in Table 4-1. Emergency contacts are identified in High Bridge Wind's Emergency Action Plan.

Table 4-1. Agency Contacts for Worker Health and Safety

Issue	Contact
Fire Response and EMS	Guilford Fire Department, (607) 895-6814
Worker Health and Safety	OSHA, Syracuse Area Office, (315) 451-0808