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| **Safety Plan Review Checklist Instructions** |
| **Purpose:** The purpose of this checklist is to ensure the contractor-specific safety plan (CSSP) developed by the contractor meets the environment, safety, and health (ES&H) requirements outlined in Specification Section 01 35 23, "ES&H Requirements for Construction Contracts." |
| **Instructions:** This form is to be used in conjunction with Specification Section 01 35 23, "ES&H Requirements for Construction Contracts." Contractors must ensure their CSSPs align with the requirements found within the specification. Reviewers will include representatives from safety engineering, industrial hygiene, environmental, waste management, fire protection, and radiation protection. The checklist enables reviewers to check off the requirements and gives them a chance to provide recommendations or comments. The first column provides the exact location of the requirement in the specification so reviewers can cross-check corresponding elements of their CSSPs. Each reviewer will input a (+) to signal the CSSP meets the requirement outlined in the specification or a (−) to indicate the CSSP inadequately meets the requirement or has omitted it completely in the appropriate column (N/A means the requirement does not apply to that area). After reviewing the checklist and adding comments/recommendations, reviewers must write their initials in the appropriate column to indicate they have reviewed the requirement. In the final column, the reviewer will record the page number in the CSSP that meets the specific requirement outlined in the specification. Reviewers will sign and date the last page of the checklist. |
| Completed forms are stored in EIMS / FileNet at Facilities NM / 4700 Infrastructure Services / Integrated Services / CSSP. |



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| **SAFETY PLAN REVIEW CHECKLIST** | | | | | | | | | | | | | | | | | | | | | | | |
| Contract Company: | | |  |  |  |  |  |  |  |  |  |  |  |  | **Reviewer Guidance:** | | | |  |  |  |  |  |
| Contract Number: | | |  |  |  |  |  |  |  |  |  |  |  |  | 1. Enter the applicable evaluation code in your discipline column | | | | | | | | |
| Project Number: | | |  |  |  |  |  |  |  |  |  |  |  |  |  |  | **+** | for Acceptable | | | |  | | --- | | Customer review outline | |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | **−** | for Inadequate/Omitted | | | |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2. Initial each section reviewed | | | | | |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 3. Identify the page number in CSSP where requirement was met | | | | | | | | |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 4. Sign and date the Safety Plan Review Checklist on last page | | | | | | | | |

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| **Standard Specification 01 35 23** | | | | **Environmental** | | | | **Waste Mgt.** | | | | 1. | |  | |  | |  | |  | |  |  | | |  | | |
| **ES&H For Construction Contracts** | | | **Industrial Hygiene** | | | | **ENV** | **WM** | **Fire Protection** | | | |  | |  | |  | |  | |  | |  | |  | | |
| Use 29 CFR 1926 for Construction | | **Safety Engineering** | | | | **IH** |  | **Radiation Protection** | | | | |  | |  | |  | |  | | 2. | | 3. | | |
| **Ref.** | **1.5 Quality Assurance** | | | | **SE** | **FP** | **RAD** | **Reviewer Comments/Recommendations** | | | | | | | | | | | | **Initial** | **Page** | | |
| A.1 (page 5) | Complies with applicable ES&H laws, rules, and regulations, as amended, of the federal, state, and local governments, DOE, and Sandia, as indicated in Section 1.8, References. | | | |  | N/A | N/A | N/A | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| A.2 (page 5) | Adheres to safety rules and regulations and access restrictions and emergency egress procedures that are unique to the Contractor’s work at Sandia-controlled premises, as defined in the specification, the contract documents, and as determined through consultation with the SDR. | | | |  | N/A | N/A | N/A | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| B.1 (page 5) | The Contractor flows down the requirements identified in this specification to all subcontractors and visitors at all tiers. | | | |  | N/A | N/A | N/A | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| C (page 6) | The Contractor Safety Officer meets minimum requirements of sections 1 & 2. | | | |  | N/A | N/A | N/A | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| D (page 6) | The Competent Person is onsite, oversees work activities being performed, and meets the three bullet points of this section. | | | |  | N/A | N/A | N/A | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| E (page 6) | During all periods of active construction, the Contractor identified they have a designated representative (Superintendent or Qualified Delegate) on the construction work site. | | | |  | N/A | N/A | N/A | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| **Ref.** | **1.5 Quality Assurance** | | | | **SE** | **IH** | **ENV** | **WM** | **FP** | **RAD** | **Reviewer Comments/Recommendations** | | | | | | | | | | | | **Initial** | **Page** | | |
| E.2 (page 6) | Performs a daily pre-work evaluation of subcontractors using a tool such as the “Facilities Superintendent Job Aid Checklist” provided in Appendix B. | | | |  | N/A | N/A | N/A | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| F (page 7) | Employees receive 10-hour OSHA, Section 01 35 23, and Contractor's contract-specific safety plan (CSSP) training. | | | |  | N/A | N/A | N/A | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| G (page 7) | Contractors perform one written self-assessment of one element of their safety program per quarter. Self-assessments shall be made available for review by Sandia Construction Manager (SCM) or SDR. | | | |  | N/A | N/A | N/A | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| **Ref.** | **1.6 Contract-Specific Safety Plan** | | | | **SE** | **IH** | **ENV** | **WM** | **FP** | **RAD** | **Reviewer Comments/Recommendations** | | | | | | | | | | | | **Initial** | **Page** | | |
| A.1.a.i–v (page 8) | CSSP meets formatting requirements where coversheet includes:   * Title – All CSSPs shall be titled “Contract-Specific Safety Plan” | | | |  | N/A | N/A | N/A | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| * Contractor company name | | | |  | N/A | N/A | N/A | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| * Sandia purchase order (PO) or Contract Purchase Agreement (CPA) number | | | |  | N/A | N/A | N/A | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| * Date of initial submission | | | |  | N/A | N/A | N/A | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| * Revision date (as applicable) | | | |  | N/A | N/A | N/A | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| A.1.b (page 8) | Provides Table of Contents with title of each section based on the topic discussed and page number. | | | |  | N/A | N/A | N/A | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| A.2 (page 8) | States the nature of work, potential hazards, and mitigation methods. | | | |  | N/A | N/A | N/A | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| A.3 (page 8) | Identifies the process on how hazards that are not addressed in the CSSP will be mitigated or addressed. | | | |  | N/A | N/A | N/A | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| A.4 (page 8) | States how hazards will be mitigated or how workers will be protected from hazards for each separately definable construction activity (e.g., excavation, foundations, structural steel, and roofing). | | | |  | N/A | N/A | N/A | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| A.5 (page 8) | Addresses OSHA CFR 1926, American Conference of Governmental Industrial Hygienists (ACGIH), and Sandia-specific requirements identified in Section I and Section II (Standard Terms and Conditions) of the Contract, uniform construction package (UCP), job site hazard evaluation (JSHE), and this specification. | | | |  | N/A | N/A | N/A | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| **Ref.** | **1.6 Contract-Specific Safety Plan** | | | | **SE** | **IH** | **ENV** | **WM** | **FP** | **RAD** | **Reviewer Comments/Recommendations** | | | | | | | | | | | | **Initial** | **Page** | | |
| A.6 (page 8) | Acknowledges that all requirements and recommendations identified in the project-specific JSHE shall be considered part of the CSSP as an attachment, unless an alternate hazard control/mitigation for the identified hazards has been submitted by the Contractor and accepted by the SDR. | | | |  | N/A | N/A | N/A | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| A.7 (page 9) | Incorporates the elements of Integrated Safety Management System (ISMS) and Engineered Safety. | | | |  | N/A | N/A | N/A | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| A.8 (page 9) | Incorporates sub-contractor safety plans. | | | |  | N/A | N/A | N/A | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| B.1 (page 9) | The Contractor acknowledges a review of an approved CSSP shall be done annually and updated as needed to ensure the CSSP covers all planned work, associated hazards, and required hazard controls. | | | |  | N/A | N/A | N/A | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| B.2 (page 9) | The CSSP is valid and only approved for a maximum of three years. | | | |  | N/A | N/A | N/A | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| C.1 (page 9) | Describes the Contractor’s methods for performing and documenting workplace inspections. | | | |  | N/A | N/A | N/A | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| D.2 (page 9) | Provides a Contractor’s Substance Abuse Prevention and Testing program and indicates that drugs or alcohol onsite shall be grounds for removal of the individual from the work site. | | | |  | N/A | N/A | N/A | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| E.1 (page 9) | Identifies that Contractor may not enter an area that contains a posted radiological sign, as signified by a radiation symbol on a yellow background with black or magenta markings, without prior authorization and Sandia-provided training appropriate for radiological hazards. | | | | N/A | N/A | N/A | N/A | N/A |  |  | | | | | | | | | | | |  |  | | |
| E.2 (page 9) | Identifies that performance of work in all radiological posted areas, including controlled areas and radioactive material areas (RMA) and all work in Technical Area V, requires the Contractor to have a Customer Work Release (form 338) signed by the Sandia space owner prior to initiating work. | | | | N/A | N/A | N/A | N/A | N/A |  |  | | | | | | | | | | | |  |  | | |
| E.3 (page 10) | Describes that if work is required in a posted area, and specific written instructions have not been issued, do not enter the area. Contact the SDR or Sandia Construction Observer (SCO) for instructions. | | | | N/A | N/A | N/A | N/A | N/A |  |  | | | | | | | | | | | |  |  | | |
| **Ref.** | **1.6 Contract-Specific Safety Plan** | | | | **SE** | **IH** | **ENV** | **WM** | **FP** | **RAD** | **Reviewer Comments/Recommendations** | | | | | | | | | | | | **Initial** | **Page** | | |
| E.4 (page 10) | Outlines that JSHE is not required for work in controlled areas or RMAs unless:   1. Additional hazards have been identified (chemical, biohazards, etc.) 2. The area is posted for additional radiation hazards (i.e., radiation area) | | | | N/A | N/A | N/A | N/A | N/A |  |  | | | | | | | | | | | |  |  | | |
| E.5 (pages 10) | For performance of work in radiological areas posted as a radiological buffer area (RBA), radiation area (RA), high radiation area (HRA), very high radiation area, airborne radioactivity area (ARA), contamination area (CA), or high contamination area (HCA), ensure adherence to items a–g. | | | | N/A | N/A | N/A | N/A | N/A |  |  | | | | | | | | | | | |  |  | | |
| E.6 (page 10) | Recognizes that workers with appropriate training and who have elected to work in radiological areas may be required to participate in Sandia’s external and internal dosimetry monitoring program. | | | | N/A | N/A | N/A | N/A | N/A |  |  | | | | | | | | | | | |  |  | | |
| E.7 (page 10) | Recognizes that each project involving use of an accountable radioactive source or radiation-generating device requires prior approval by SDR and Sandia’s Radiation Protection Department. | | | | N/A | N/A | N/A | N/A | N/A |  |  | | | | | | | | | | | |  |  | | |
| F.2 (page 10) | Carcinogens are identified in the CSSP by list or safety data sheets (SDS). | | | | N/A |  | N/A | N/A | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| H.3 (page 11) | Does the CSSP address the requirement to provide an inventory and safety data sheets onsite in advance of planned chemical product use and include an inventory for all anticipated products with a description of use and controls? Consumer products used in the same form, quantity, and concentration as a product packaged for distribution and use by the public (i.e., Windex, Simple Green, WD-40, in packages sold at retail) are not required to be submitted. | | | | N/A |  | N/A | N/A | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| H.4 (page 11) | Hazard communication methods are identified to inform employees of nature of work, potential hazards (safety meetings), mitigation, and protection prior to commencement of work. Document workers’ names, date, activities, hazards, and controls identified. | | | | N/A |  | N/A | N/A | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| **Ref.** | **1.6 Contract-Specific Safety Plan** | | | | **SE** | **IH** | **ENV** | **WM** | **FP** | **RAD** | **Reviewer Comments/Recommendations** | | | | | | | | | | | | **Initial** | **Page** | | |
| M.1.a (page 12) | Identifies construction project non-hazardous non-regulated waste shall be managed in accordance with Section 01 74 19, “Construction Waste Management.” | | | | N/A | N/A | N/A |  | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| M.1.b (page 12) | Property items and equipment that may be reused for their intended purpose are not considered waste and shall be managed as U.S. government property. | | | | N/A | N/A | N/A |  | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| M.1.c (page 12) | Waste generated during construction operations may be classified as regulated or hazardous waste. Details for waste management of commonly generated waste types are contained in Section 01 74 19. | | | | N/A | N/A | N/A |  | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| M.2.a (page 12) | CSSP identifies that “construction and demolition debris” means materials generally not water soluble and non-hazardous in nature, including but not limited to steel, glass, brick, concrete, asphalt roofing materials, pipe, gypsum wallboard, and lumber from the construction or demolition of a structure, project, and rocks, soil, tree remains, trees, and other vegetative matter that normally result from land clearing. | | | | N/A | N/A | N/A |  | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| M.2.b (page 12) | Recognizes that if construction and demolition debris is mixed with any other types of solid waste, it loses its classification as construction and demolition debris. | | | | N/A | N/A | N/A |  | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| M.2.c (page 13) | Identifies that construction and demolition debris does not include asbestos, liquids such as waste paints, solvents, sealers, adhesives, or potentially hazardous materials. | | | | N/A | N/A | N/A |  | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| M.3.a (page 12) | Intact and dismantled equipment and material removed while performing construction operations shall remain the property of the government. | | | | N/A | N/A | N/A |  | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| M.3.b (page 12) | If the equipment and material is not reused in the performance of the project, the Contractor shall manage it as residue material and equipment. | | | | N/A | N/A | N/A |  | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| M.3.c (page 13) | All residue material and equipment shall be staged by the Contractor and evaluated for hazardous and radioactive contamination by Sandia personnel before being delivered to the reapplication yard. | | | | N/A | N/A | N/A |  | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| **Ref.** | **1.6 Contract-Specific Safety Plan** | | | | **SE** | **IH** | **ENV** | **WM** | **FP** | **RAD** | **Reviewer Comments/Recommendations** | | | | | | | | | | | | **Initial** | **Page** | | |
| M.4.a (page 13) | Containers that held non-regulated products shall not contain any free liquid to be disposed as construction and demolition (C&D) waste. | | | | N/A | N/A | N/A |  | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| M.4.b (page 13) | Containers that have free liquid or previously contained hazardous material shall be submitted to the hazardous waste management facility. | | | | N/A | N/A | N/A |  | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| M.4.c (page 13) | As a best business practice, use as much material that can be removed from containers. Place a small amount of floor dry absorbent material (kitty litter, vermiculite, etc.) to assist in the collection of any remaining material in containers. | | | | N/A | N/A | N/A |  | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| M.4.d (pages 13) | Used aerosol cans that contain any amount of propellant or product must be managed as hazardous waste. At SNL/NM, if an aerosol can is empty of propellant and product, is no longer pressurized, and does not contain residue of an acute hazardous waste, it is considered an empty container and may be disposed of as regular trash. | | | | N/A | N/A | N/A |  | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| M.4.d.i (page 13) | Do not spray out the remaining contents of an aerosol can for the sole purpose of emptying it. | | | | N/A | N/A | N/A |  | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| M.4.d.ii (page 13) | Never puncture an aerosol can. | | | | N/A | N/A | N/A |  | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| M.5.a (page 13) | Fluorescent Lamps: Sodium and incandescent light bulbs shall be removed from light fixtures and managed as chemical waste. These items shall be boxed, put on pallets, and labeled. Notify Construction Observer immediately of all chemical waste. | | | | N/A | N/A | N/A |  | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| M.6.a (page 13) | Remove ballasts from all light fixtures and submit the residue material for characterization by the Sandia ES&H team. | | | | N/A | N/A | N/A |  | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| M.6.b (page 13) | Ballasts clearly labeled “No-PCBs” shall be placed in a container for disposal and must comply with items i–iv. | | | | N/A | N/A | N/A |  | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| M.7.a (page 14) | Equipment containing oil or other petroleum products shall be drained of oil and  managed as residue material. Drained oil shall be managed as either used oil for  recycle or chemical waste if contaminated. | | | | N/A | N/A | N/A |  | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| **Ref.** | **1.6 Contract-Specific Safety Plan** | | | | **SE** | **IH** | **ENV** | **WM** | **FP** | **RAD** | **Reviewer Comments/Recommendations** | | | | | | | | | | | | **Initial** | **Page** | | |
| M.8 (page 14) | Chemical Waste/Hazardous Waste: Ensure Contractor has identified items a–e. | | | | N/A | N/A | N/A |  | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| M.9 (page 14) | NORM Materials: Naturally occurring radioactive materials (NORM) that have radioactivity above Sandia free release limits. Waste items such as ceramic insulators, smoke detectors, thorium, or uranium-containing items are radioactive waste and shall not be sent to reapplication. | | | | N/A | N/A | N/A |  | N/A |  |  | | | | | | | | | | | |  |  | | |
| M.10 (page 14) | Radioactive waste is not expected to be identified at this stage of the process. Radioactive hazards should be identified during the JSHE process. If material is discovered to be radioactive, then all work should be paused and the Sandia ES&H team should be notified. | | | | N/A | N/A | N/A |  | N/A |  |  | | | | | | | | | | | |  |  | | |
| M.11 (page 15) | Mixed waste is not expected to be identified at this stage of the process. Mixed waste should be identified during the JSHE process. If material is discovered to be mixed during this activity, then all work should be paused and the Sandia ES&H team should be notified. Mixed waste can only be generated with written Sandia approval. | | | | N/A | N/A | N/A |  | N/A |  |  | | | | | | | | | | | |  |  | | |
| N (page 15) | Transportation of Hazardous Waste: Is not allowed by facilities contractors. | | | | N/A | N/A | N/A |  | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| O.1.a–d (page 15) | The CSSP shall identify how signs and barriers will be used on construction sites:   * Hazard identification and barricades shall be provided and installed in accordance with 29 CFR 1926 to warn of specific work hazards and to communicate safe detours to personnel in the vicinity of the site. | | | |  | N/A | N/A | N/A | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| * Use flagging and tape barricades for temporary or interior protection only, unless otherwise accepted by the SCO. | | | |  | N/A | N/A | N/A | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| * Use orange safety fencing or snow fencing around excavations and trenching. Fencing shall be a minimum of 4 feet high (1.2 meters high) and secured vertically every 10 feet (3 meters). | | | |  | N/A | N/A | N/A | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| * Protect unattended sites with applicable signs and barricades at all times. | | | |  | N/A | N/A | N/A | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| **Ref.** | **1.6 Contract-Specific Safety Plan** | | | | **SE** | **IH** | **ENV** | **WM** | **FP** | **RAD** | **Reviewer Comments/Recommendations** | | | | | | | | | | | | **Initial** | **Page** | | |
| P.2 (page 15) | Contractor is responsible for ensuring visitors comply 100% with CSSP and personal protective equipment (PPE) requirements and identify the following standards:   * ANSI Z87 Safety Glasses with Shields * ANSI Z89.1 Head Protection * ANSI Z87 Class 1 High Visibility Apparel | | | |  | N/A | N/A | N/A | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| P.5 (page 16) | CSSP shall include how the contractor and subcontractor disciplinary processes will apply to workers who fail to comply with the requirements of the CSSP. | | | |  | N/A | N/A | N/A | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| Q.1 (page 16) | Contractors at all tiers who are onsite for more than 30 work days in a calendar year or have employees who are enrolled for any length of time in a medical or exposure-monitoring program required by 10 CFR 851, Worker Safety and Health Program rule and/or any other applicable federal, state, or local regulation shall have an Occupational Medicine Provider (OMP). Reference Appendix A, “Occupational Medicine Services,” for more information. | | | | N/A |  | N/A | N/A | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| Q.2 (page 16) | The CSSP shall identify the name of a credentialed provider, including the company name, address, telephone number, and the name of a management contact for their OMP. Complete SF-4040-DOP (3-2018), “Declaration of Occupational Medicine Provider.” This form is located on the Sandia Corporate Forms website. | | | | N/A |  | N/A | N/A | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| R.1 (page 16) | The CSSP addresses the emergency action plan (EAP) and the steps taken in case of an emergency when performing work. | | | |  | N/A | N/A | N/A | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| R.1.a (page 16) | Identify for life-threatening injuries or illnesses, and immediately call for medical assistance by dialing 911 on a Sandia telephone or (505) 844-0911 on an outside/cellular telephone at the Albuquerque site. Emergency medical transport is available, 24/7. | | | |  | N/A | N/A | N/A | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| R.1.a.ii (page 16) | The CSSP identifies the location on site where medical and non-medical emergency numbers shall be posted. Ensure that all employees are aware of medical and non-medical emergency telephone numbers. | | | |  | N/A | N/A | N/A | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| **Ref.** | **1.6 Contract-Specific Safety Plan** | | | | **SE** | **IH** | **ENV** | **WM** | **FP** | **RAD** | **Reviewer Comments/Recommendations** | | | | | | | | | | | | **Initial** | **Page** | | |
| R.1.a.iii (page 16) | The CSSP identifies actions required for electrical shock. Accompany any employee who receives an electrical shock above 50V and when a worker is exposed to arc-fault/arc-flash when not wearing the required PPE to the Sandia medical facility (Building 832) during standard working hours for immediate medical attention, no matter how minor the shock appears. During non-standard hours, seek medical attention at an offsite facility. Notify the SCO or SDR immediately after transporting the individual to Sandia Medical. | | | |  | N/A | N/A | N/A | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| R.1.a.iv (page 16) | Transport personnel with non-life-threatening injuries or illnesses that require medical attention to the Contractor’s identified medical facility. | | | |  | N/A | N/A | N/A | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| R.1.a.v (page 17) | Identifies the notification of accidents, injuries, and illnesses: After calling for emergency support, the Contractor shall contact the SCO, SCM, SDR, or Sandia Project Manager (SPM) as soon as possible, but not later than 2 hours following the event. | | | |  | N/A | N/A | N/A | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| R.1.a.vi (page 17) | CSSP denotes all calls must include person-to-person contact (a voice message is not sufficient). | | | |  | N/A | N/A | N/A | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| R.1.a.vii (page 17) | Identifies that contractor must submit form SF 2050-P, “Report of Occupational Injury/Illness,” to the SDR within three days of the event occurrence. | | | |  | N/A | N/A | N/A | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| **Ref.** | **1.6 Contract-Specific Safety Plan** | | | | **SE** | **IH** | **ENV** | **WM** | **FP** | **RAD** | **Reviewer Comments/Recommendations** | | | | | | | | | | | | **Initial** | **Page** | | |
| R.1.b.i-ii (page 17) | The CSSP identifies the following, at minimum, when the Contractor becomes aware of an event that could adversely impact workers, the public, or the environment, or cause unplanned disruptions of normal operations (including personnel exposure to chemical, biological, or physical hazards above OSHA and ACGIH established limits); Contractor shall:   * Barricade, as appropriate, to ensure workers and pedestrians in area are not exposed to a hazard. * Notify the SCO, SCM, SDR, or SPM of the event (when in doubt, report it). * **Speak** to SCO, SCM, SDR, or SPM. Leaving a message does not meet this notification requirement. | | | |  | N/A | N/A | N/A | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| S.1 (page 17) | Accident scene preservation is implemented following any accident or incident event. | | | |  | N/A | N/A | N/A | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| S.2.a–h (pages 17–18) | At minimum the CSSP contains the following elements of accident scene preservation:   * Ensure injured personnel have received adequate medical attention. | | | |  | N/A | N/A | N/A | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| * Ensure hazards are minimized and personnel are not subjected to further injury. | | | |  | N/A | N/A | N/A | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| * Ensure hazards have been mitigated to ensure protection to the environment and adjacent personnel. | | | |  | N/A | N/A | N/A | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| * Secure the area and limit entry by personnel by installing barricades, tape, signage, etc. | | | |  | N/A | N/A | N/A | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| * Unless there is an imminent hazard, do not move equipment, vehicles, and/or materials or alter the accident site. | | | |  | N/A | N/A | N/A | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| * After medical or rescue services have been summoned (if necessary), immediately contact SDR, SCM, Sandia Construction Inspector (SCI), or SCO to communicate the incident. Continue calling Sandia personnel or their management until voice confirmation has been obtained. | | | |  | N/A | N/A | N/A | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| * If possible, take photos to document the condition of the scene. | | | |  | N/A | N/A | N/A | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| * Do not leave area until Sandia Area Representative, SCO, SCM, or SDR arrives onsite to assume control of area. | | | |  | N/A | N/A | N/A | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| **Ref.** | **1.6 Contract-Specific Safety Plan** | | | | **SE** | **IH** | **ENV** | **WM** | **FP** | **RAD** | **Reviewer Comments/Recommendations** | | | | | | | | | | | | **Initial** | **Page** | | |
| T.1.a–d (page 18) | The CSSP contains an Industrial Hygiene Program and meets the following criteria:   * The requirement to assess worker exposures to hazards to determine the risk of work-related injuries or illness. | | | | N/A |  | N/A | N/A | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| N/A |  | N/A | N/A | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| * Assess worker exposure to chemical, physical, biological, or ergonomic hazards through appropriate workplace monitoring, biological monitoring, and observation. | | | | N/A |  | N/A | N/A | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| * Monitoring shall be recorded in writing. Documentation shall describe the activities, tasks, and/or locations where monitoring occurred, identify workers monitored or represented by the monitoring, and identify the sampling methods used, duration of monitoring, and control measures in place during monitoring. | | | | N/A |  | N/A | N/A | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| * The Contractor shall be informed of the precautionary measures that need to be taken to protect workers during normal operating conditions and in foreseeable emergencies. | | | | N/A |  | N/A | N/A | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| T.2 (page 18) | Complies with the 2016 edition of the ACGIH threshold limit values (TLV) for Chemical Substances and Physical Agents and Biological Exposure Indices (BEIs) when the ACGIH TLVs and BEIs are lower (more protective) than OSHA permissible exposure limits. | | | | N/A |  | N/A | N/A | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| T.2.a (page 18) | Contractors must submit a Written Exposure Control Plan for silica exposure that meets the requirements of 29 CFR 1926.1153 (g). Contractors may use the guidance document provided in Appendix E to help guide control selection for silica control plans. If deviations will be made from these recommendations, the controls to be used must be documented in writing and available onsite for review. | | | | N/A |  | N/A | N/A | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| T.3 (page 18) | Gases, Vapors, Fumes, Dusts, and Mists: Use engineered, administrative, or PPE controls to keep employee exposures within prescribed limits. | | | | N/A |  | N/A | N/A | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| **Ref.** | **1.6 Contract-Specific Safety Plan** | | | | **SE** | **IH** | **ENV** | **WM** | **FP** | **RAD** | **Reviewer Comments/Recommendations** | | | | | | | | | | | | **Initial** | **Page** | | |
| T.3.c (page 19) | For all welding, cutting, and brazing operations, the Contractor is required to submit a completed Contractor Welding, Cutting, Brazing Exposure Assessment form (SF 2001-WLD) to the WCBRequests@sandia.gov website for approval by a Sandia Industrial Hygienist, and then to the SDR. | | | | N/A |  | N/A | N/A | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| T.3.d (page 19) | The Contractor or Contractor’s qualified health and safety representative shall identify hazards and select and implement effective controls to ensure worker safety and health. Control measures (e.g., full face air-purifying respirators or local exhaust ventilation) may be required. | | | | N/A |  | N/A | N/A | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| T.3.e (page 19) | No work shall proceed without concurrence with the proposed control measures by the SDR. | | | | N/A |  | N/A | N/A | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| T.3.f (page 19) | Engineering controls equipment, such as local exhaust ventilation (LEV) devices, shall be appropriate for their use and operated according to manufacturer requirements. This may include incorporation of fire-prevention features for hot-work or checking gauges to ensure high-efficiency particulate air (HEPA) filters are operating within the effective range. | | | | N/A |  | N/A | N/A | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| 1. When the Contractor activity hazard analysis (AHA) requires LEV units, the manufacturer and the serial number of the unit shall be identified. | | | | N/A |  | N/A | N/A | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| 1. The Sandia Facilities Industrial Hygienist can provide further criteria and examples of acceptable LEV units to help ensure units meet applicable requirements. | | | | N/A |  | N/A | N/A | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| T.4.a (page 19) | Noise, non-ionizing radiation, and thermal stress: Comply with ACGIH TLVs. | | | | N/A |  | N/A | N/A | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| T.4.c (page 19) | Safe Use of Lasers: Class 1, 2, and 3a lasers may be used. Comply w/ ANSI Z136.1, | | | | N/A |  | N/A | N/A | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| Do not use Class 3b or Class 4 lasers without the written approval of the SDR. | | | | N/A |  | N/A | N/A | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| When used for operations such as leveling floors, roads, and sidewalks, the laser beam shall not be directed above the horizon, through navigable airspace, or toward aircraft ground operations. | | | | N/A |  | N/A | N/A | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| The laser beam shall be backstopped with a non-reflective surface that is opaque (non-transparent) to the laser’s beam. | | | | N/A |  | N/A | N/A | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| **Ref.** | **1.6 Contract-Specific Safety Plan** | | | | **SE** | **IH** | **ENV** | **WM** | **FP** | **RAD** | **Reviewer Comments/Recommendations** | | | | | | | | | | | | **Initial** | **Page** | | |
| U (page 19) | The CSSP clearly identifies the contractor’s means of excavation within 5’ of known utilities and shall clearly indicate the contractor’s use of Sandia excavation and penetration permits. | | | |  | N/A | N/A | N/A | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| V.2.a–k (page 20) | The CSSP identifies the Contractor’s process for utilizing pre-task plans (PTP) for their work and the work of their subcontractors, and contains the elements outlined in (a–k). | | | |  | N/A | N/A | N/A | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| W.1.a–c (page 21) | Before work activity is performed that involves hazards that were not addressed in the original CSSP, submit an addendum to the CSSP in the form of a modification for acceptance. | | | |  | N/A | N/A | N/A | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| New hazards may result from changes to the scope of work or changes in site conditions. | | | |  | N/A | N/A | N/A | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| The addendum shall identify mitigation or control for a new hazard as described in the “Contract-Specific Safety Plan” section discussed earlier. | | | |  | N/A | N/A | N/A | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| An AHA may be utilized for non-routine activities that are not typically encountered during the course of performing work. | | | |  | N/A | N/A | N/A | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| **Ref.** | **1.7 Job Site Hazard Evaluation (JSHE)** | | | | **SE** | **IH** | **ENV** | **WM** | **FP** | **RAD** | **Reviewer Comments/Recommendations** | | | | | | | | | | | | **Initial** | **Page** | | |
| A.1 (page 21) | When JSHEs are completed, the CSSP addresses restrictions or conditions specified for each identified pre-existing condition listed in the JSHE. | | | |  | N/A | N/A | N/A | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| B (page 21) | Take precautions for pre-existing conditions identified on the job site, per the JSHE attached in the Contract documents. | | | |  | N/A | N/A | N/A | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| C (page 21) | Provisions are listed to contact SCO or SDR for specific requirements if an unidentified hazard is encountered. | | | |  | N/A | N/A | N/A | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| **Ref.** | **2.1 Integrated Safety Management System (ISMS)** | | | | **SE** | **IH** | **ENV** | **WM** | **FP** | **RAD** | **Reviewer Comments/Recommendations** | | | | | | | | | | | | **Initial** | **Page** | | |
| B.1–7 (page 23) | CSSP incorporates the ISMS Seven Guiding Principles. | | | |  | N/A | N/A | N/A | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| C.2 (page 24) | CSSP incorporates the ISMS principles: Work Planning, Work Hazard Analysis, Work Hazard Controls, Work Performance, Feedback and Improvement | | | |  | N/A | N/A | N/A | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| **Ref.** | **2.2 Worksite Identification** | | | | **SE** | **IH** | **ENV** | **WM** | **FP** | **RAD** | **Reviewer Comments/Recommendations** | | | | | | | | | | | | **Initial** | **Page** | | |
| A.1 (page 31) | Construction Safety Bulletin Board meets the requirements for projects under $50,000 as listed in a–f. | | | |  | N/A | N/A | N/A | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| B (page 31) | For projects over $50,000, in addition to the information required above, the bulletin board shall also include all items required on the Sandia.gov website (www.sandia.gov/working-with-sandia/current-suppliers/construction-and-facilites/). | | | |  | N/A | N/A | N/A | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| **Ref.** | **2.4 Site Safety Documentation** | | | | **SE** | **IH** | **ENV** | **WM** | **FP** | **RAD** | **Reviewer Comments/Recommendations** | | | | | | | | | | | | **Initial** | **Page** | | |
| A (page 31) | The Contractor shall keep a copy of the following approved documentation on the project worksite: CSSP, AHA, JSHE, SDS, PTP, plans, specifications, and any additional project-specific work planning documents required to plan and control foreseeable hazards on the project. | | | |  | N/A | N/A | N/A | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| B (page 31) | Documentation shall be available to subcontractors, SCOs, and Sandia construction safety personnel. | | | |  | N/A | N/A | N/A | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| C (page 31) | Documentation demonstrating personnel have received training on the CSSP to ensure all affected personnel are informed of foreseeable hazards, and the requirement to follow protective measures shall be maintained at the contractor’s office and furnished upon request of the SDR. | | | |  | N/A | N/A | N/A | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| **Ref.** | **2.5 Coordination of Work Affecting Ongoing SNL Operations** | | | | **SE** | **IH** | **ENV** | **WM** | **FP** | **RAD** | **Reviewer Comments/Recommendations** | | | | | | | | | | | | **Initial** | **Page** | | |
| A.1 (page 31) | For overhead work: Schedule work required to be performed above occupied areas for non-standard hours, unless specific and approved precautions, including signage, barricades, occupant consent, and any other precaution deemed necessary by Sandia, is provided two weeks in advance of operation. | | | |  | N/A | N/A | N/A | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| A.2 (page 31) | Final approval for work in occupied areas during normal work hours must be received from the SDR. | | | |  | N/A | N/A | N/A | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| **Ref.** | **2.5 Coordination of Work Affecting Ongoing SNL Operations** | | | | **SE** | **IH** | **ENV** | **WM** | **FP** | **RAD** | **Reviewer Comments/Recommendations** | | | | | | | | | | | | **Initial** | **Page** | | |
| B (pages 31-32) | Submit an Outage Request Worksheet in advance of activity/task requiring utility or equipment shutdowns that affect ongoing Sandia operations, observing the advance-notice requirements noted on the worksheet. | | | |  | N/A | N/A | N/A | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| C.2 (page 32) | The Contractor shall obtain permission from the SCI prior to removing any administrative lock and/or tag. | | | |  | N/A | N/A | N/A | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| D (page 32) | Does Contractor use Sandia-owned equipment or personnel for contracted activities? | | | |  | N/A | N/A | N/A | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| **Ref.** | **2.7 General Project Work Practices** | | | | **SE** | **IH** | **ENV** | **WM** | **FP** | **RAD** | **Reviewer Comments/Recommendations** | | | | | | | | | | | | **Initial** | **Page** | | |
| A.1 (page 32) | Significant hazards and activities including those defined as high-risk work that require a documented safety briefing, AHA, or both are listed in this section. Examples of documentation include but are not limited to the following: CSSP, AHA, permits, JSHE. | | | |  |  | N/A | N/A | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| A.2 (page 32) | Contractor ensures that work is conducted by qualified and trained workers, who are certified, registered, or otherwise documented as qualified by their trade/profession, or who are licensed to perform that activity by the appropriate government organization. | | | |  |  | N/A | N/A | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| B.1 (page 33) | Hidden hazard penetrations procedures address the following: Drawing review, site investigation, detection using instrumentation, use of appropriate tools, and PPE. | | | |  | N/A | N/A | N/A | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| B.2 (page 33) | When removing concrete flooring systems located within a building, follow the five-step approach prior to beginning removal work of the concrete floor. | | | |  | N/A | N/A | N/A | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| B.3 (page 33) | Workers engaging in excavation or penetration operations shall use tools that are in good working condition and shall use PPE, electrically-rated gloves, ground-fault circuit interrupter (GFCI) protection, and double-insulated tools, as appropriate and when required for the hazard. | | | |  | N/A | N/A | N/A | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| B.4 (page 33) | If hidden hazards cannot be identified through site investigation, the SDR shall be notified prior to excavation or penetration operations. | | | |  | N/A | N/A | N/A | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| **Ref.** | **2.7 General Project Work Practices** | | | | **SE** | **IH** | **ENV** | **WM** | **FP** | **RAD** | **Reviewer Comments/Recommendations** | | | | | | | | | | | | **Initial** | **Page** | | |
| C.2 (pages 33-34) | Obtain excavation permit from the SCI prior to the start of the operations outlined in a–d. | | | |  | N/A | N/A | N/A | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| C.3 (page 34) | Area to be excavated shall be shown on drawing and identified in the field using white paint. Submit permit requests to the SCI no more than 30 days prior to start of excavation. | | | |  | N/A | N/A | N/A | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| C.6 (page 34) | The permit evaluation will consider potential materials such as poly, ductile iron, polyvinyl chloride (PVC), or concrete; the soil type; and the depth of potential utility. Consider these factors when matching the selection of tools and force to ensure minimal or no impact to the utilities. | | | |  | N/A | N/A | N/A | N/A | N/A |  | | | | | | | | | | | |  |  | | |
|
| D.1.d (page 34) | CSSP identifies any high-voltage hazards that will require a penetration permit and a task-specific procedure to be accomplished. | | | |  | N/A | N/A | N/A | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| D.1.d.i (page 34) | The Contractor identifies need for a penetration permit for items a)–c). | | | |  | N/A | N/A | N/A | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| D.2 (page 34) | Area to be penetrated shall be shown on the drawing. If the penetration is inside a building, an outage request shall be submitted with the permit. | | | |  | N/A | N/A | N/A | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| D.4 (page 34) | If the penetration is inside a building or if an anticipated electrical outage will be required, an electrical outage request shall be submitted concurrently with the permit. | | | |  | N/A | N/A | N/A | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| E (page 35) | Fire safety procedures address requirements as set forth in the International Fire Code (IFC) and American National Standards Institute (ANSI) Z49.1, Sections 4.3 and E4.3. | | | | N/A | N/A | N/A | N/A |  | N/A |  | | | | | | | | | | | |  |  | | |
| E.1–6 (page 35) | The CSSP includes the following areas in paragraphs on fire safety:   * Emergency vehicle access criteria | | | | N/A | N/A | N/A | N/A |  | N/A |  | | | | | | | | | | | |  |  | | |
|
| * Water supply to be provided | | | | N/A | N/A | N/A | N/A |  | N/A |  | | | | | | | | | | | |  |  | | |
| * Access to fire hydrants | | | | N/A | N/A | N/A | N/A |  | N/A |  | | | | | | | | | | | |  |  | | |
| * Housekeeping: All debris and trash shall be removed at least once per day at the end of shift, or as required | | | | N/A | N/A | N/A | N/A |  | N/A |  | | | | | | | | | | | |  |  | | |
| * Flammable and combustible materials shall be stored in accordance with the IFC | | | | N/A | N/A | N/A | N/A |  | N/A |  | | | | | | | | | | | |  |  | | |
| * Requirements for fire protection impairment permit (FPIP) | | | | N/A | N/A | N/A | N/A |  | N/A |  | | | | | | | | | | | |  |  | | |
| **Ref.** | **2.7 General Project Work Practices** | | | | **SE** | **IH** | **ENV** | **WM** | **FP** | **RAD** | **Reviewer Comments/Recommendations** | | | | | | | | | | | | **Initial** | **Page** | | |
| F.1–9 (pages 36-37) | Hot work procedures include the following:   * A hot work permit obtained and displayed prior to cutting, welding, open flame, or use of tar kettles and roof solvents | | | | N/A | N/A | N/A | N/A |  | N/A |  | | | | | | | | | | | |  |  | | |
| * Training for personnel responsible for fire watch duties | | | | N/A | N/A | N/A | N/A |  | N/A |  | | | | | | | | | | | |  |  | | |
| * Training on portable fire extinguishers | | | | N/A | N/A | N/A | N/A |  | N/A |  | | | | | | | | | | | |  |  | | |
| * Does CSSP state that hot work operations will be suspended if conducted in an area where a fire suppression system is impaired? | | | | N/A | N/A | N/A | N/A |  | N/A |  | | | | | | | | | | | |  |  | | |
| G.1–5 (page 37) | Fire protection system impairments include the following:   * Obtain and submit an FPIP prior to modifying or disrupting a fire protection system. | | | | N/A | N/A | N/A | N/A |  | N/A |  | | | | | | | | | | | |  |  | | |
| G.6 (pages 37–38) | * Put a building fire alarm system on “No Action” or disable fire alarm devices and zone | | | | N/A | N/A | N/A | N/A |  | N/A |  | | | | | | | | | | | |  |  | | |
| H (page 38) | For surface-disturbance operations affecting land area greater than ¾-acre, sandblasting, and other surface preparation or demolition of any building containing over 75,000 cubic feet of total volume, comply with the requirements of Part 1, Section 01 57 26, “Dust Control,” and the Fugitive Dust Control Permit issued by the City of Albuquerque. | | | |  | N/A |  | N/A | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| I.2 (page 38) | For construction sites greater than 1 acre, follow all requirements identified in the Sandia-furnished Storm Water Pollution Prevention Plan. This system addresses silt control and other possible storm-water effects. | | | |  | N/A |  | N/A | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| I.3 (page 38) | As indicated, the National Pollution Discharge Elimination System requires inspections at least every 14 calendar days, and within 24 hours of the end of a storm event of 0.5 inches or greater. Inspections shall continue through the duration of the project. | | | |  | N/A |  | N/A | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| J.1 (page 39) | Project-specific fill and borrow areas shall not be near or on underground or aboveground utilities. | | | |  | N/A |  | N/A | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| J.3 (page 39) | Obtain the required Fugitive Dust Control Permit through the SDR prior to disturbing the soil. | | | |  | N/A |  | N/A | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| **Ref.** | **2.7 General Project Work Practices** | | | | **SE** | **IH** | **ENV** | **WM** | **FP** | **RAD** | **Reviewer Comments/Recommendations** | | | | | | | | | | | | **Initial** | **Page** | | |
| K (page 39) | Bird nesting sites are not to be disturbed. If nesting sites are discovered during the course of operations, contact the SCI for further direction. | | | |  | N/A |  | N/A | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| L (page 39) | Contractors shall keep vehicles on paved or graded roads at all times unless prior approval has been obtained to travel into previously undisturbed areas. | | | |  | N/A |  | N/A | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| M.1 (page 39) | Notify the SDR of planned discharges to the sanitary sewer system, other than routine sewage, prior to discharge. | | | |  | N/A |  | N/A | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| M.3 (page 39) | Report spills and accidental releases to the sanitary sewer system immediately to your SDR. | | | |  | N/A |  | N/A | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| N.1 (page 39) | Notify the SDR of planned surface discharges prior to discharge. | | | |  | N/A |  | N/A | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| N.3 (page 39) | Report spills and accidental releases immediately to the SDR. | | | |  | N/A |  | N/A | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| O.3 (page 39) | If an unanticipated underground storage tank (UST) is discovered during construction operations, notify the SCO. | | | |  | N/A |  | N/A | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| P.1 (page 40) | The SDR shall approve staging area locations prior to use. | | | |  | N/A | N/A | N/A | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| Q (page 40) | CSSP identifies contractor staging/storage areas, requiring SDR approval. | | | |  | N/A | N/A | N/A | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| R.1–5 (page 40) | Adhere to DOE-STD-1090-2020 during hoisting and rigging operations. | | | |  | N/A | N/A | N/A | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| Perform a proper hazard analysis for all hoisting activities on a graded approach and in concurrence with Sandia. | | | |  | N/A | N/A | N/A | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| The Contractor shall submit a lift plan for all planned hoisting and rigging lifting  operations 10 working days in advance of the operation. | | | |  | N/A | N/A | N/A | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| The SDR or SDR-appointed person shall determine if the lift is considered ordinary or critical per DOE STD 1090-2020. | | | |  | N/A | N/A | N/A | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| Hoisting and rigging operations for all lifts require a competent person (Lift Director), who shall be present at the lift site during the entire lifting operation. | | | |  | N/A | N/A | N/A | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| **Ref.** | **2.7 General Project Work Practices** | | | | **SE** | **IH** | **ENV** | **WM** | **FP** | **RAD** | **Reviewer Comments/Recommendations** | | | | | | | | | | | | **Initial** | **Page** | | |
| R.6 (page 45) | The Contractor shall use properly-rated equipment for millwright and industrial moving operations. Considerations shall be made for floor loading,  building considerations, knowledge of the weight being moved, unstable loads, anchor points, tie-downs, chocks, struck-by, caught-between hazards, and training. | | | |  | N/A | N/A | N/A | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| R.7.a–b (page 46) | The digger derrick is a multi-use piece of equipment. Generally, the 1910.269 standard applies to the use of a digger derrick by a qualified electrical worker and operator. For nonqualified electrical workers, refer to 1926.1408. | | | |  | N/A | N/A | N/A | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| R.7.b.i (page 46) | For nonqualified electrical workers, Contractor determines if any part of the equipment, load line, or load (including rigging and lifting accessories) could get closer than 20 feet of an energized power line. | | | |  | N/A | N/A | N/A | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| S.1.a–c (page 47) | Confined space entry procedures identify the type of confined space: permit-required, non-permit, and telecommunications. | | | |  |  | N/A | N/A | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| S.5 (page 50) | All applicable regulatory requirements and Sandia specs for a permit required confined space have been incorporated. | | | |  |  | N/A | N/A | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| S.6.b (page 51) | The assessment of operational changes that may be introduced in a non-permit confined space (NPCS), which may require reclassification as a permit required confined space (PRCS), is documented. | | | |  |  | N/A | N/A | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| S.7.a–c (page 51) | Commissioned telecommunications manholes and vaults requirements and procedures comply with 29 CFR 1910.268 and 29 CFR 1926 Subpart AA. | | | |  |  | N/A | N/A | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| T (page 51) | Minimum requirements include National Electrical Code (NEC), National Electrical Safety Code (NESC), National Fire Protection Association (NFPA) 70E, and OSHA. | | | |  | N/A | N/A | N/A | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| T.1 (page 51) | Documented training and retraining of workers every three years for employees at risk of electrical hazards. | | | |  | N/A | N/A | N/A | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| **Ref.** | **2.7 General Project Work Practices** | | | | **SE** | **IH** | **ENV** | **WM** | **FP** | **RAD** | **Reviewer Comments/Recommendations** | | | | | | | | | | | | **Initial** | **Page** | | |
| T.3-6 (page 52) | Documented lockout/tagout (LOTO) procedures include the following:   * Electrical operations designated as simple or complex LOTO * Roles and responsibilities * Types of electrical testing and PPE, and specific LOTO training provided | | | |  | N/A | N/A | N/A | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| T.7 (page 52) | Arc flash protection procedures shall be documented in the CSSP | | | |  | N/A | N/A | N/A | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| CSSP electrical safe work practices provide procedures pertaining to arc flash protection that include the following:   * Flash boundaries * PPE requirements, care, and maintenance | | | |  | N/A | N/A | N/A | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| T.7.a (page 52) | Specific PPE requirements when working on equipment with Sandia arc flash hazard (AFH) label | | | |  | N/A | N/A | N/A | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| Requirements for working on equipment without Sandia AFH label | | | |  | N/A | N/A | N/A | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| T.8 (page 54) | Shock protection procedures shall be documented in the CSSP | | | |  | N/A | N/A | N/A | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| CSSP electrical safe work practices provide procedures pertaining to shock protection that include the following:   * Developing limited shock approach boundaries * Requirements for voltage-rated gloves and insulated tools * Maintenance and testing requirements for PPE | | | |  | N/A | N/A | N/A | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| T.9 (page 54) | Prior to performing work on any live parts that are not placed in an electrically safe work condition (i.e., prior to performing energized work), the Contractor shall contact the Electrical SCI and request an electrical outage. | | | |  | N/A | N/A | N/A | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| T.10 (page 54) | Provide listed GFCI protection for 120-volt, single-phase, 15- and 20-ampere receptacle outlets on work sites that are in use by employees. | | | |  | N/A | N/A | N/A | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| **Ref.** | **2.7 General Project Work Practices** | | | | **SE** | **IH** | **ENV** | **WM** | **FP** | **RAD** | **Reviewer Comments/Recommendations** | | | | | | | | | | | | **Initial** | **Page** | | |
| U.1 (page 54) | If the scope of work requires contractor to work on live (energized) parts that are not placed in an electrically safe work condition, the CSSP must include:   * Written justification/authorization from the Sandia Project Manager and Contractor’s written permit | | | |  | N/A | N/A | N/A | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| * Permit and authorization shall be onsite during the energized work task | | | |  |
| * The Contractor’s written permit shall include, at a minimum, all items required by NFPA 70E | | | |  |
| U.4.a–c (page 54) | CSSP complies with the following when working on energized electrical parts:   * Notify the SCI before proceeding with work * Electrical work on energized electrical parts shall be performed by a qualified individual with a second qualified person available * Individual shall be knowledgeable and experienced in working with the specific type of electrical circuits on which energized electrical work is to be performed (see Section 26 04 75, “Primary Systems Safety Requirements,” for additional requirements) | | | |  | N/A | N/A | N/A | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| W.1 (page 55) | The CSSP identifies fall protection controls and/or methods for work that is within 15 feet of unprotected edge or side that is more than 6 feet above a lower level. | | | |  | N/A | N/A | N/A | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| W.2 (page 55) | The CSSP discusses notifying the SDR/Contracting Officer (CO) if anchor points need to be attached to Sandia building/structures by welding or drilling for fall protection purposes. | | | |  | N/A | N/A | N/A | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| X.1 (page 55) | Does the CSSP address asbestos in the safety plan? The review of the JSHE and work release permit are communicated with workers. | | | | N/A |  | N/A | N/A | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| Y (page 55) | If surface coatings cannot be removed before the surface is cut or ground, welded, or cut with a torch, then respirators must be worn by the operator and anyone in the vicinity. Comply with the requirements of 29 CFR 1926.62, Lead. | | | | N/A |  | N/A | N/A | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| **Ref.** | **2.7 General Project Work Practices** | | | | **SE** | **IH** | **ENV** | **WM** | **FP** | **RAD** | **Reviewer Comments/Recommendations** | | | | | | | | | | | | **Initial** | **Page** | | |
| Z (page 55) | All mobile equipment identified in 29 CFR 1926.1001 that are used on Sandia project sites shall have roll-over protective structures (ROPS). There are no mobile equipment ROPS exemptions on Sandia construction projects for those pieces of equipment. | | | |  | N/A | N/A | N/A | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| **Ref.** | **2.8 High-Risk Work** | | | | **SE** | **IH** | **ENV** | **WM** | **FP** | **RAD** | **Reviewer Comments/Recommendations** | | | | | | | | | | | | **Initial** | **Page** | | |
| A.1–6 (page 56) | When high-risk work is identified, the Contractor is required to prepare and submit to Sandia for approval a task-specific AHA. | | | |  | N/A | N/A | N/A | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| High-risk work defined and task-specific AHA required. | | | |  | N/A | N/A | N/A | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| Contractor safety representative is required to provide oversight for high-risk work. | | | |  | N/A | N/A | N/A | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| A minimum of two persons shall be present for high-risk work activities and shall have the ability to make notifications should an emergency response be needed. | | | |  | N/A | N/A | N/A | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| **Ref.** | **2.9 Suspension of Work** | | | | **SE** | **IH** | **ENV** | **WM** | **FP** | **RAD** | **Reviewer Comments/Recommendations** | | | | | | | | | | | | **Initial** | **Page** | | |
| A.1 (page 56) | All employees, contractors, and visitors have the responsibility and authority to suspend inappropriate or unsafe work activities/tasks when those activities/tasks present clear and imminent danger to employees, contractors, visitors, the public, or the environment. | | | |  |  | N/A | N/A | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| A.2–6 (page 57) | Upon receiving suspension of work request (oral or written), immediately stop activity/task and notify SCO or SDR. Obtain name and phone number of persons requesting suspension and reason for suspension of work. Work shall not continue on that activity until issue has been resolved to the satisfaction of the SDR. | | | |  |  | N/A | N/A | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| B (page 57) | If stop work order is greater than one hour, a formal written stop work order shall be issued. Work may be restarted only with written work release from Sandia Contracting Representative (SCR). Stop work order shall have date and time of work stopped, reason for stoppage, requirements for contractor to resume work, as well as date and time Sandia expects corrective actions to be completed if required. | | | |  |  | N/A | N/A | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| **Ref.** | **2.9 Suspension of Work** | | | | **SE** | **IH** | **ENV** | **WM** | **FP** | **RAD** | **Reviewer Comments/Recommendations** | | | | | | | | | | | | **Initial** | **Page** | | |
| C (page 57) | SCR shall provide work release that includes reference stop work order, reason for work stoppage, conditions for restart of activity/task, specified date, and time when work may resume. | | | |  |  | N/A | N/A | N/A | N/A |  | | | | | | | | | | | |  |  | | |
| **Ref.** | **2.10 Event Notification** | | | | **SE** | **IH** | **ENV** | **WM** | **FP** | **RAD** | **Reviewer Comments/Recommendations** | | | | | | | | | | | | **Initial** | **Page** | | |
| A–D (page 58) | The CSSP identifies procedures for reporting events (exposure, emergency [ASAP] and non-emergency, <2hr). | | | |  | N/A | N/A | N/A | N/A | N/A |  | | | | | | | | | | | |  |  | | |

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| **Final Comments** | | | | | | | | | | | | | | | | | | | |
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| **Safety Engineering Reviewer** | | | | |  | **Date** |  |  | **Additional Comments** | | | | | | | | | | |
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| **Industrial Hygiene Reviewer** | | | | |  | **Date** |  |  | **Additional Comments** | | | | | | | | | | |
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| **Environmental Reviewer** | | | | |  | **Date** |  |  | **Additional Comments** | | | | | | | | | | |
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| **Waste Management Reviewer** | | | | |  | **Date** |  |  | **Additional Comments** | | | | | | | | | | |
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| **Fire Protection Reviewer** | | | | |  | **Date** |  |  | **Additional Comments** | | | | | | | | | | |
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| **Radiological Reviewer** | | | | |  | **Date** |  |  | **Additional Comments** | | | | | | | | | | |
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