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# Brunel Energy, Inc.

## Scaffolds

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## 1. Purpose

- 1.1. Brunel Energy, Inc., hereinafter referred to as, “the Company,” has established a Scaffolds Program compliant with OSHA 1926.454 OSHA 1926.454 (a), (b), (c), (f) and OSHA 1926.200(h).

## 2. Applicability

- 2.1. This policy applies to employees, subcontractors and/or visitor(s) of the Company. For the purposes of this policy, an employee shall be considered on the job whenever he/she is:
  - 2.1.1. On or in, any Company or client property, including parking areas; or
  - 2.1.2. On Company time even if off Company premises (including paid lunch, rest periods and periods of being on call).
- 2.2. As a condition of employment, Company employees are required to abide by additional governmental or customer policies and requirements that may be imposed at a worksite in addition to the requirements of these policies and procedures. Nothing set forth in this policy constitutes, construes, or interprets in any way as a contract of employment.

## 3. Definitions

- 3.1. **Scaffolding** is used to support people and hold materials that are to be used for construction or the repair of buildings and other structures. The main purpose of a scaffold is to provide a safe place to work and safe access to the materials needed.

## 4. Responsibilities

- 4.1. Manager(s):
  - 4.1.1. Shall be responsible for implementing, supporting, and enforcing the requirement of this procedure at their sites and ensuring all assets are made available for compliance with the plan.
  - 4.1.2. Investigation of any incidents and any potential incidents or near misses.
- 4.2. HSE Supervisor(s):
  - 4.2.1. Supports management with the implementation of the Company policy.
  - 4.2.2. Ensures that a scaffold competent person oversees:
    - 4.2.2.1. Scaffold construction.
    - 4.2.2.2. Scaffold movement.
    - 4.2.2.3. Scaffold modification.
- 4.3. Scaffold Competent Person:

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- 4.3.1. Shall have completed training and received their employer's designation as a Competent Person for scaffolding operations.
- 4.3.2. Shall provide direct supervision for the construction, and subsequent modification and/or movement of the scaffold.
- 4.3.3. Shall ensure an initial inspection is on completed scaffolds prior to use, periodically throughout shift and/or after any occurrence which may affect a scaffold's structural integrity.
- 4.4. Employee(s):
  - 4.4.1. Shall be familiar with this procedure and knowledgeable about the company scaffolds safety program.
  - 4.4.2. Follow all training/procedures/requirements, report unsafe conditions, and follow all posted requirements.
- 4.5. Subcontractor(s):
  - 4.5.1. Shall be familiar with this procedure and knowledgeable about the company scaffolds safety program.
  - 4.5.2. Follow all training/procedures/requirements, report unsafe conditions, and follow all posted requirements.

## 5. Requirements

- 5.1. Scaffolds shall be erected, moved, dismantled, or altered only under the supervision of a competent person and will have guardrails and toe-boards installed.
- 5.2. When scaffolding hazards exist that cannot be eliminated, then engineering practices, safe work practices, personal protective equipment (PPE), and proper training regarding scaffolds will be implemented to minimize those hazards to ensure the safety of employees and the public.
- 5.3. Safe scaffolding use and erection is important in minimizing and controlling the hazards associated with their use. Scaffold work practices and rules should be based on:
  - 5.3.1. Sound design.
  - 5.3.2. Selecting the right scaffold for the job.
  - 5.3.3. Assigning personnel.
  - 5.3.4. Fall Protection.
  - 5.3.5. Guidelines for use.
  - 5.3.6. Guidelines for alteration and dismantling.
  - 5.3.7. Inspections
  - 5.3.8. Maintenance and storage.

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## 6. Procedure

- 6.1. Scaffolds shall be furnished and erected in accordance with this standard for persons engaged in work that cannot be done safely from the ground or from solid construction.
- 6.2. The footing or anchorage of scaffolds shall be sound, rigid, and capable of carrying the maximum intended load without settling or displacement.
- 6.3. Unstable objects such as barrels, boxes, loose brick, or concrete blocks shall not be used to support scaffolds or planks.
- 6.4. Scaffolds and their components shall be capable of supporting without failure at least four times the maximum intended load.
- 6.5. All load-carrying timber members of scaffold framing shall be a minimum of 1,500f. (stress grade) construction grade lumber. All dimensions are nominal sizes as provided in the American Lumber Standards, except that where rough sizes are noted, only rough and undressed lumber or the size specified will satisfy minimum requirements.
- 6.6. A competent person shall ensure scaffolds are safe prior to and during use.
- 6.7. All planking or platforms shall be overlapped (minimum 12 inches) or secured from movement.
- 6.8. An access ladder or equivalent safe access shall be provided.
- 6.9. Scaffold planks shall extend over their end supports not less than 6 inches or more than 18 inches.
- 6.10. The poles, legs, or uprights of scaffolds shall be plumb, and securely and rigidly braded to prevent swaying and displacement.
- 6.11. Materials being hoisted onto a scaffold shall have a tag line. Overhead protection shall be provided for men on a scaffold exposed to overhead hazards.
- 6.12. Defective or unsafe equipment or unsafe conditions shall be tagged out by a competent person when found.

## 7. Training

- 7.1. The Company shall have each employee who performs work while on a scaffold trained by a person qualified in the subject matter to recognize the hazards associated with the type of scaffold being used and to understand the procedures to control or minimize those hazards.
- 7.2. Training shall be conducted upon initial hire and annually thereafter. The training shall include the following areas, as applicable:
  - 7.2.1. The nature of any electrical hazards; fall hazards and falling object hazards in the work area.

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- 7.2.2. The correct procedures for dealing with electrical hazards and for erecting, maintaining, and disassembling the fall protection systems and falling object protection systems being used.
- 7.2.3. The proper use of the scaffold, and the proper handling of materials on the scaffold.
- 7.2.4. The maximum intended load and the load-carrying capacities of the scaffolds used.
- 7.2.5. Where certification is required to install and inspect scaffolding training will be provided to personnel.
- 7.3. The Company shall have each employee who is involved in erecting, disassembling, moving, operating, repairing, maintaining, or inspecting scaffold trained by a competent person to recognize any hazards associated with the work in question. The training shall include the following topics, as applicable:
  - 7.3.1. The nature of scaffold hazards.
  - 7.3.2. The correct and safe procedures for erecting, disassembling, moving, operating, repairing, inspecting, and maintaining the type of scaffold in question.
  - 7.3.3. The design criteria, maximum intended load-carrying capacity and intended use of the scaffold.
- 7.4. When the Company has reason to believe that an employee lacks the skill or understanding needed for safe work involving the erection, use or dismantling of scaffolds, the Company shall retrain the employee, so the requisite proficiency is regained. Retraining is required in at least the following situations:
  - 7.4.1. Where changes at the worksite present a hazard about which an employee has not been previously trained.
  - 7.4.2. Where changes in the types of scaffolds, fall protection, falling object protection, or other equipment present a hazard about which an employee has not been previously trained.
  - 7.4.3. Where inadequacies in an affected employee's work involving scaffolds indicate that the employee has not retained the requisite proficiency.

## **8. Recordkeeping**

- 8.1. Training records shall be maintained in the corporate office.

## **9. Reference**

- 9.1. OSHA 1926.454 (a), (b), (c), (f) and OSHA 1926.200(h).