

JAGUAR ENERGY SERVICES, LLC 310 N Parkerson Ave Crowley, LA 70526 Original Date of Implementation: October 2013 New Effective Date:	HAZARD ASSESSMENT Plan Revision Date: Page 1 of 5
Reviewed By: Jared Monk	Date: 01/10/2022

Section 13.0 HAZARD ASSESSMENT

A. Purpose

The purpose of this procedure is to provide guidelines for **JAGUAR ENERGY SERVICES, LLC** personnel to understand the purpose of, conduct, and document a Hazard Analysis.

This shall aid in reducing the number of job-related fatalities, illnesses, injuries, damage to equipment, and harmful effects to the environment by identifying any improper operational practices and/or safety concerns.

It shall help accomplish this by aiding in establishing a workplace safety and health program to aid in compliance with OSHA 29 CFR 1900.1 General Duty Clause of the Act (Section 5(a)(1)).

B. Scope

Effectively implemented this procedure shall ensure a safer workplace, thus reduce the number of job-related fatalities, illnesses, and injuries.

This procedure shall be applied each time an employee undertakes a new task.

This procedure applies to any hazard that the employees are subject to encounter, as identified in OSHA 29 CFR 1900.1.

C. Responsibilities

1. The Safety Coordinator or his/her designee is responsible for ensuring that employees have completed the training required by this procedure.
 - (a) Additional responsibilities include:
 - (i) The implementation of this Policy.
 - (ii) Documentation of completion by each employee.
 - (iii) Conducting Hazard Assessments and recommending corrective actions.

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2. The Supervisor is responsible for providing assistance in the implementation of this Policy by helping in conducting Hazard Assessments and taking corrective actions.
3. The employees are responsible to utilize this training in their day to day operations and make suggestions for improvements, if necessary.
 - (a) Additional responsibilities include:
 - (i) Aid in the implementation of this Policy.
 - (ii) Help make Hazard Assessments

D. Procedure

JAGUAR ENERGY SERVICES, LLC has established a Safety Management System that defines the responsibilities of management and all other employees for safety and health in the workplace and holds them accountable for carrying out these responsibilities.

This program provides management and employees with the authority to access relevant information, receive training, and have the resources they need to carry out their safety and health responsibilities.

E. Employee Participation

JAGUAR ENERGY SERVICES, LLC recognizes that the program shall not succeed unless they have employee participation and provide them with opportunities for participation in establishing, implementing and evaluating the program.

1. To accomplish this, **JAGUAR ENERGY SERVICES, LLC** shall:
 - (a) Regularly communicate with employees about workplace safety and health matters.
 - (b) Provide employees with access to information relevant to the program.
 - (c) Provide ways for employees to become involved in hazard identification, assessment, prioritizing hazards, training, and program evaluation.
 - (d) Establish a way for employees to report job-related fatalities, injuries, illnesses, incidents, hazards and recommendations to control those hazards.
 - (e) Provide prompt responses to such reports and recommendations.
 - (f) Not discourage employees from making reports and recommendations about injuries, illnesses, incidents, or

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hazards in the workplace, or from otherwise participating in work place safety and health programs.

F. Hazard Identification

1. **JAGUAR ENERGY SERVICES, LLC** has, and shall continue, to systematically identify and assess hazards to which employees are, or may be, exposed.
 - (a) **JAGUAR ENERGY SERVICES, LLC** shall assess ways to improve the operation, and prevent injuries to their personnel.
 - (b) This is done by conducting inspections of the workplace, plus reviewing safety and health information.
 - (c) **JAGUAR ENERGY SERVICES, LLC** is committed to continual evaluation and revision, if necessary, of new equipment, materials and process hazards before they are introduced into the workplace.
 - (d) **JAGUAR ENERGY SERVICES, LLC** shall identify all known hazards that an employee could possibly be exposed to in the workplace, as specified by OSHA.
 - (e) Specific training shall be given when safety and health information or a change in workplace conditions indicates that a new or increased hazard may be present.

G. Hazard Prevention And Control

1. **JAGUAR ENERGY SERVICES, LLC** is committed to systematically comply with the hazard prevention and control requirements of the OSHA General Duty Clause and other OSHA standards.
 - (a) **JAGUAR ENERGY SERVICES, LLC** has developed and implemented a plan for coming into compliance as promptly as possible, which includes establishing priorities, setting deadlines and tracking progress in the controlling of hazards.
 - (b) Any hazard identified by **JAGUAR ENERGY SERVICES, LLC's** hazard identification and assessment process that is

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- covered by an OSHA standard or OSHA General Duty Clause shall be controlled as required by these standards.
- (c) Each project undertaken could have unique situations and/or circumstances that could endanger personnel, property and/or the environment.
- (d) For these reasons, **JAGUAR ENERGY SERVICES, LLC** has adapted a procedure of Hazard Recognition that shall start prior to the start of work on special projects, be ongoing during the project and be finalized with a post project inspection and review.
- (e) Safe work practices involve the skills required to recognize a hazardous situation and control or minimize the impact of the hazard.
- (f) The severity of identified hazards shall be assessed and those that cannot be corrected immediately shall be ranked according to their severity and corrected as soon as possible.

Hazard Analysis

JAGUAR ENERGY SERVICES, LLC has performed hazard analysis for work locations subject to this recommended practice.

- (a) The purpose of this analysis is to identify, evaluate, and where unacceptable conditions exist, they must reduce the likelihood, and/or minimize the consequences of, uncontrolled releases and other safety or environmental incidents.

2. Periodic Analyses

JAGUAR ENERGY SERVICES, LLC has established a program for updating hazards analyses, to verify that the most recent hazards analysis reflects the current process.

- (a) Hazards analyses shall be reviewed periodically and updated as appropriate, with typical review intervals ranging between 5 years for high priority locations and 10 years for low priority locations.

3. Analysis Personnel

The hazards analyses should be performed by a person(s) knowledgeable in engineering, operations, design, process, safety, environmental, and other specialties as appropriate.

- (a) At least one person should be proficient in the hazards analysis methodologies being employed.

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4. **Analysis Report**

JAGUAR ENERGY SERVICES, LLC's program requires that the findings of a hazards analysis are presented in a written report.

- (a) This report shall describe the hazards that have been identified, and recommend steps to be taken to mitigate them.
- (b) Qualitative assessments of the severity of the findings may be made as appropriate.
- (c) The management program requires the communication of all identified hazards and recommended actions to the appropriate personnel.
- (d) When resolution before startup is stipulated, or when immediate action is required, the management program shall mandate that such action is taken, or that the hazardous conditions are otherwise remedied.
- (e) A complete hazards analysis report, including any updates, shall be kept on file for the life of the facility.

B. Training requirements.

1. Employees shall be trained on the following topics:

- (a) Hazard Identification
- (b) Hazard Prevention and Control
- (c) Methodology
- (d) Initial Analysis
- (e) Periodic Analyses
- (f) Analysis Personnel
- (g) Analysis Report
- (h) The contents of this procedure

C. Training Frequency

1. **JAGUAR ENERGY SERVICES, LLC** personnel shall be trained according to the following schedule:

- (a) Initially upon hire
- (b) Anytime an employee is unable to properly conduct an analysis