

INTEGRATED CONSTRUCTION EXCELLENCE – THE BETTER WAY TO ENSURE SAFE CONSTRUCTION

“We effectively control all aspects of construction through our field-level integration of **Safety**, **Quality Assurance** and **Production Efficiency**. The synergy of those elements formulates valuable services and solutions for our clients. We believe that success in one area, contributes to success in all. No work task is so critical that time cannot be taken to ensure safe construction.

HEALTH, SAFETY AND ENVIRONMENT VISION

We at Bodell Construction:

- » are recognized as having a premier program in health, safety and environment (HSE) across all markets in which we operate.
- » desire for our current and prospective employees to be enthusiastic believers in and advocates for the program and its results.
- » aspire to secure this reputation through leadership, direction and support services to provide a healthy, safe, quality-centered, performance-oriented, personally enriching employment culture.



SAFETY IS OUR REPUTATION

BODELL
CONSTRUCTION

COMPLIANCE IS FOUR-FOLD:

This white paper outlines how outstanding construction companies continue to maintain a healthy and safe working environment while building complex industrial facilities across America.



1. WORKING SAFELY IS A STATE OF MIND.

The key to a safe work environment is simple: thinking about the work. There is no other secret formula or philosophical platitude that gets better results. Maintaining a state of mind where one's focus is on their work is the essence of integrated construction excellence.

The Company desires all current and prospective employees to be enthusiastic believers in, and advocates for the safety program and its results. After all, it is they who perform within potentially hazardous, operational sites, working around equipment and machinery each day. They either benefit from or endure the results of the HSE program. It's everyone's job to be safe. Built into our record of experience of safe work practices and regulations is ongoing training to educate our employees and subcontractors. Situational awareness is promoted by leadership to guide a healthy, safe, quality-centered, performance-oriented, personally enriching culture. This state of mind is woven into our operations, work, home, car or wherever we may be....even on weekends.

2. EMPOWERMENT.

The Stop Work Authority process involves a stop, notify, correct and resume approach for the resolution of a perceived unsafe condition, act, error, omission or lack of understanding that could result in an undesirable event. All Bodell Construction, employees have the authority and obligation to stop any task or operation where concerns regarding health, safety or environmental risks exist.



3. CONTINUOUSLY STRIVING FOR ZERO ACCIDENTS.

Breaking through a safety performance plateau to achieve a zero Total Recordable Incident Rate requires a Health, Safety and Environmental (HSE) program embraced by all staff and sub-contractors at every project site.

Bodell Construction HSE program involves:

- » The completion of a Job-site Safety Analysis before the mobilization of any project
- » A comprehensive, site-specific safety plan for each project
- » A 100% hard hat, eye protection and work boots policy on all job sites
- » Strict project standards for a clean and healthy work environment
- » Employee and subcontractor safety orientations and weekly health and safety meetings



Health and safety meetings occur weekly at every job site.

4. CONSIDERATION TO OUR ENVIRONMENT.

The Company is committed to comply with all applicable client requirements and government regulations to minimize environmental effects on human health and safety, air quality, water resources, and wildlife. We'll seek to enhance our use of energy efficient technologies and minimize emissions by utilizing systems, procedures and equipment that minimize waste and prevent pollution to benefit our employees, our clients, our communities, and the public. We restore our job sites to acceptable environmental conditions at the conclusion of every project.



WHAT OUR CLIENTS SAY...

"...[Bodell's] proactive efforts in setting up site specific safety, logistics and traffic control plans has allowed [Bodell] and [Bodell's] crews to stand out in [Bodell's] safety performance and is recognized." Don Gee, El Paso Corporation

HAZARD PREVENTION

Meeting this commitment requires line managers to effectively manage safety and requires workers who possess the ability and the motivation to identify and correct hazards in the work place consciously and continuously.

We seek to provide and maintain a healthy and safe working environment by:

- » Fostering a culture of understanding and accountability that line management is responsible for the implementation of safe work and environmental practices.
- » Engaging in daily habits that enhance safety and contribute to a healthy working environment.
- » Encouraging open communication between line management and labor that will result in the identification of unsafe acts and conditions, and
- » Ensuring employees are empowered and held responsible stopping an unsafe act or identifying an unsafe condition.
- » Providing training in hazard awareness and to support the accident reduction techniques necessary to implement this policy.
- » Providing task-specific personal protective equipment and safety devices.
- » Educating our employees to embrace healthy personal habits, and encouraging them to adopt environmentally sustainable practices.
- » Making use of systems, procedures and technologies that minimize waste and prevent pollution.
- » Restoring our sites to acceptable environmental conditions at the end of each project.
- » Meeting all legal and/or regulatory environmental requirements of our clients and government entities.

PROGRAM OBJECTIVES

Bodell Construction's HSEQA (Health, Safety, Environment and Quality Assurance) Committee has developed and implemented a modern HSE Program. The committee is comprised of employees representing all departments of our company to undertake a comprehensive view of the separate HSE and QA programs, and to ensure mutual conformity in the details of each, so that Bodell's unified company objective of providing meaningful client solutions is realized.

Program success is realized through:

- » Planning
- » Annual HSE Performance Targets
- » Training & Instruction
- » Accountability



HEALTH, SAFETY AND ENVIRONMENTAL GOALS

The HSE Goals are clear and achievable measures used to gauge whether the Company HSE Objectives are being met. They define major performance measures for the HSE Management System such as:

- » Hold Line Management Accountable
- » Establish Definitive Program Objectives
- » Secure Employee Participation
- » Establish an Emergency Response Plan
- » Provide Line Management with Competent and Consistent Technical Support
- » Conduct Task-Specific Hazard Analysis
- » Reward for Exemplary Performance
- » Continual Internal Reviews of HSE Management System

PROJECT SAFETY AND HEALTH PROGRAM ELEMENTS

Line managers, supported by the project safety staff, will assure the integration of the elements described in this safety and health program during the design and throughout the demonstration and operating phases of each project. The elements associated with the project program include, but are not limited to, the following:

1. We will maintain awareness of HSE matters, to be proactive in providing a value-added service to our clients. This awareness is achieved through education, communication, and definition of the goals and standards appropriate to our operations and those undertaken **on behalf of our clients.**
2. To emphasize our continuing commitment to HSE issues, we will adhere to company HSE Principles. These Principles are the cornerstone of our HSE culture and include accountability, training, communication, resources, engineering design, performance measurement, and sustainable development.



CASE STUDY—PRE TASK PLANNING AND JOB SAFETY ANALYSIS

Lessons learned of identifiable causes are a powerful teacher to those in the field. It gives crews an awareness before starting each day of how to inspect equipment prior to using, what to avoid, and how to adjust possible implications while practicing OSHA and MSHA Standards.

Example: A typical method of Job Safety Analysis (JSA) is to identify all steps, hazards and safe work procedures through a verbal job briefing with employees involved before work begins. The job is broken into sequences by task and documented. The JSA is approved by the supervisor before work is started. Those involved in the job sign off to acknowledge they understand the plan and will comply with all related safety requirements.