

### ABOUT US

PNA is an independent consultancy focused on providing safety, risk and reliability services and solutions covering the various phases of a project including feasibility and concept development, design, construction, installation, hook-up and commissioning, operation and decommissioning.

### OUR SERVICES COVER THE FOLLOWING AREAS :

#### Hazardous Area Classification

Process Hazard Analysis

Asset Selection & Utilisation

Formal Safety Assessment

Quantitative Risk Assessment

Regulatory Compliance

Consequence Analysis

#### Hazard Identification

Business Continuity Plan

Health Risk Assessment

Process Safety Management

### INTRODUCTION

Process Safety Management (PSM) regulations by OSHA require that "Facility Siting Analysis" be addressed in a Process Hazard Analysis (PHA).

Facility Siting Analysis performed during a PHA uses checklists to identify issues. A separate Facility Siting Analysis involves identifying issues using detailed checklists and evaluating them using API RP 752 good engineering practice guidelines. While most facilities have the "potential" for major events, such as explosions, fires, or toxic releases that could seriously affect the occupants of facility buildings, a risk perspective is essential in determining where and what change is warranted. OSHA is particularly concerned that FSA address the relationship between the hazards of the covered process and the occupants of facility buildings.

### SERVICES

Our consultants are experienced in performing good engineering practices (API RP 752) and regulatory requirements. We will facilitate your team in the generation of recommendations for corrective actions and a written report that documents the FSA results and the recommendations generated by your team will be issued.

Typical services include :

- API RP752 Studies
- Facility Siting Checklist
- Scenario Identification/Analysis
- Occupancy Criteria
- Air Dispersion Modeling
- 2D or 3D Blast Modeling
- Fire / Radiation Analysis
- Frequency Analysis / QRAs
- Risk Mitigation / Reduction
- Facility Siting Analysis "How To" Training



### CONTACT DETAILS

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