

## DOCUMENTATION FOR SAFETY REVIEW

### DESIGN PHILOSOPHIES AND SPECIFICATIONS:

- Drainage
- Fire & Safety
- Hazard Survey
- Layout
- Logic Diagrams
- Material Selection Guide
- Noise & Environmental Reports and Data
- Overall Earthing Layout
- Risk Analysis Sheets

### PROCESS DATA:

- P&IDs
- Hazardous Materials Data
- Pressure Relief Load Schedule
- Process Data Sheets for all equipment

### EQUIPMENT:

- Engineering Data Sheets

### INSTRUMENTATION:

- Interlock Schedule
- Process Control Diagram
- Trip Schedule

### ELECTRICAL:

- Single Line Diagram

### SAFETY SYSTEMS:

- Area Classification Drawings and Schedules
- Escape Route Drawings
- Fire & Gas Detection Logic Diagrams
- Fire & Gas Detector Layouts
- Fire Fighting Layouts
- Fire Protection Schematics and Layouts
- Hydraulic Calculations
- Passive Fire Protection
- Risk Analysis Sheets
- Safety Equipment Schedules and Drawings

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DRAINAGE DATA:

- Fire Water Quantities
- Storm Drains
- Underground Process & Utilities Service Lines

OPERABILITY:

- Operating Philosophy & Operating Instructions

PIPING:

- Piping General Arrangement Drawings
- Piping Specifications
- Site Plans & Plot Plans