

PROCESS SAFETY MANAGEMENT

PHA & LOPA Facilitation Services



Safe | Efficient | Quality

OVERVIEW:

SSECI provides practical and effective facilitation for domestic and international PHA, LOPA, and Root Cause investigations. SSECI has the Process Technology & Facilitation experience to effectively engage your stake holders while delivering on schedule results. Our team of facilitators are process experts with professional facilitation & conflict resolution skills to foster team building and decision ownership.

		Impact →				
		Negligible	Minor	Moderate	Significant	Severe
Likelihood ↑	Very Likely	Low Med	Medium	Med Hi	High	High
	Likely	Low	Low Med	Medium	Med Hi	High
	Possible	Low	Low Med	Medium	Med Hi	Med Hi
	Unlikely	Low	Low Med	Low Med	Medium	Med Hi
	Very Unlikely	Low	Low	Low Med	Medium	Medium

	Checklist	What-If	What-If/Checklist	HAZOP	FMEA	FTA
R&D		✓				
Design	✓	✓	✓			
Pilot Plant Operation	✓	✓	✓	✓	✓	✓
Detailed Engineering	✓	✓	✓	✓	✓	✓
Construction/Startup	✓	✓	✓			
Routine Operation	✓	✓	✓	✓	✓	✓
Modification	✓	✓	✓	✓	✓	✓
Incident Investigation		✓				
Decommissioning	✓	✓	✓			

Our proven approach ensure we are onsite and prepared to maximize your teams effectiveness while minimizing their time away from their daily obligations.

Our high quality reporting methodology & proven QA/QC process ensures your reports are delivered in a timely manner with clear and concise results.

Our project services team is provides the resources needed support you with resolving your actionable recommendations required to meet OSHA, PHMSA, and internal corporate risk guidelines.

PROCESS EXPERIENCE:



PIPELINE & COMPRESSION



REFINING & PETRO-CHEM



FINE CHEMICALS



PULP & PAPER



POWER & COGENERATION



WATER TREATMENT

Ask our sales team how our What-If worksheet can save you money!
1-866-404-1845

PSM SERVICES & FACILITATION

GENERAL ENGINEERING SERVICES

AUTOMATION SERVICES

CAD MODELING & DESIGN

SSECI
 1120 Nasa Parkway
 Suite 507
 Houston, TX 77058
 832-861-6011
sales@sandsepc.com
www.sandsepc.com

AUTOMATION SERVICES INTEGRATED CONTROL & SAFETY SYSTEMS

Safe | Efficient | Quality

SSECI automation experts provide cost effective practical solution that are secure, safe, and reliable. Our alignment with major automation manufacturers provide competitive pricing with pass through warranties on parts and service.

Our streamlined work processes and automated computer aided engineering systems optimize our personnel efficiency through single point entry and industry conforming documentation and drawings. Our automated engineering tools provide value from FEED through commissioning.

PSM SERVICES & FACILITATION

GENERAL ENGINEERING SERVICES

AUTOMATION SERVICES

CAD MODELING & DESIGN

PROCESS SAFETY MANAGEMENT SERVICES

- ◆ PHA Facilitation & Revalidations
- ◆ LOPA Facilitation
- ◆ SRS Specification
- ◆ SIL Assessments
- ◆ Functional Safety Assessments & Audits
- ◆ Site Level Risk Assessments
- ◆ Root Cause Investigations

INDUSTRIAL IT SERVICES

- ◆ Penetration Testing & Root Cause Investigations
- ◆ Cyber-Fortification
- ◆ Server Virtualization
- ◆ Internet of Everything Solutions

GENERAL ENGINEERING & DESIGN SUPPORT SERVICES

- ◆ Instrumentation Engineering
- ◆ Electrical Engineering
- ◆ Process Engineering
- ◆ Mechanical Engineering
- ◆ CAD & Design Support Services (AutoCAD, Microstation, & SmartPlant)
- ◆ CAE Data Migrations
- ◆ Field As-Built Documentation Services

AUTOMATION SERVICES

- ◆ DCS, PLC, & HMI Programming
- ◆ Loop Tuning
- ◆ MVPC & APC Implementation
- ◆ BMS Retrofits
- ◆ Automation FEED Studies

Ask our sales team how our PROAdvisor solution can deliver Overall Operational Excellence to your facility!

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