

SafePlex Systems, Inc.

HOUSTON, TEXAS

Systems, Products, Services, Integrity

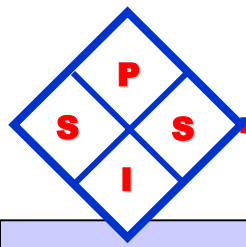
Sales@safeplexsystems.com

PROCESS SAFETY

SHUTDOWN INSTRUMENTED SYSTEM

OSHA 1910.119 (PSM) REGULATED PETROLEUM PROCESSES

CLIENT DRIVEN PROVIDER OF SYSTEMS, PRODUCTS AND SERVICES



WHY?

**THE NUMBER OF EXPLOSIONS ARE RISING!
PROCESSES ARE BEING PRESS TO PRODUCE
MORE, AT LOWER COST!**

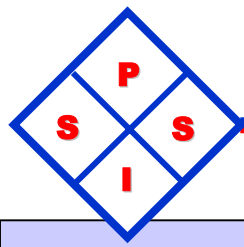


OSHA 1910.119 (PSM)

REQUIRES:

- **TRAINING**
- **PROCESS INTEGRITY**
- **GOOD ENGINEERING PRACTICES**

CLIENT DRIVEN PROVIDER OF SYSTEMS, PRODUCTS AND SERVICES



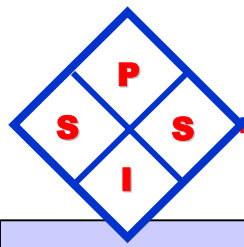
GOOD ENGINEERING PRACTICES

**ESD SYSTEMS – IEC 61511 Parts 1 – 3
ANSI / ISA 84.00.01-2004**

**BASED ON THE RESULTS OF THE RISK ASSESSMENT
THE FOLLOWING OCCURS**

- **RESIDUAL RISK IS ALLOCATED TO THE SIS PROTECTION LAYER**
- **SIL RATING OF 1, 2, or 3 IS ASSIGNED TO THE RESIDUAL RISK**
- **SIS AND SIF ARE DESIGN TO MEET THE REQUIRED RELIABILITY**
- **SIF IS DESIGN TO THE IEC 61511 REQUIREMENTS**
- **CALCULATIONS AND TESTING VERIFIES PROPER DESIGN**
- **PROOF TESTING INTERVALS MAINTAIN SIS INTEGRITY**

CLIENT DRIVEN PROVIDER OF SYSTEMS, PRODUCTS AND SERVICES



**YOU CAN DO ALL OF THAT
OR
YOU CAN CONTACT SAFEPLEX SYSTEMS, INC.**

SERVICES

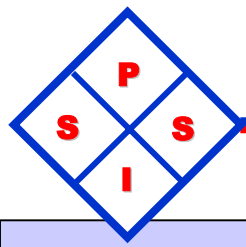
- RISK ASSESSMENT
- RISK ALLOCATION
- SIL CALCULATIONS
- SRS DOCUMENT
- VERIFICATION
- PROOF TESTING
- AUDITS

PRODUCTS

- SILstroke-3 PRODUCTS
 - PNEUMATIC
 - HYDRAULIC
- SILvalve-3

SYSTEMS

- SIL-ProESD
- SIL-ProBMS
- SIL-dTect 2600 (F&G)
- GAS-dTect 1600



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FOR MORE DETAILS CONTACT

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