

## **T-2 Refresher (Test Out)**

### Course Outline

**Prerequisites:** Delegate must possess the following prerequisites to qualify for a refresher:

- 6 years offshore oilfield experience
- Successful completion of two (2) instructor led PSST (T2) courses.
- Possess a current, valid PSST (T2) certification.

**Course Length:** 8 hours – Course length shall vary depending on the number of delegates. Total course time includes breaks and meals.

**Class Size:** The maximum number of delegates that may be trained and tested per instructor shall be twenty (20) in the classroom session and twenty (20) in the practical session.

### **Course Objective**

- Production Safety Systems Training (PSST) trains delegates in the requirements of 30 CFR Part 250, Oil and Gas and Sulphur Operations in the United States Outer Continental Shelf (OCS), Subpart O and ensure personnel engaged in Production Safety Operations understand and can properly perform their assigned job duties in a safe and environmentally sound manner.
- Utilize the regulations and requirements of 30 CFR 250, 30 CFR 254 and API RP 14C (as they apply to the essentials of PSST Course and the offshore work environment).
- Provide knowledge of Emergency Shutdown Systems, Emergency Support Systems, general Production Equipment Operations and Production Safety Systems.
- Verification of knowledge through assessments that demonstrate competency in subject areas and material content taught in course utilizing practical training and evaluation that demonstrates operating skills with the working models and safety system components.

### **Course Design**

- Power Point© / Lecture / Audio Video / Visual Aids
- Demonstrations
- Practical Simulations

### **Successful Course Completion**

- Assess in all modules, including hands-on, and are required to successfully complete 85% or greater.
- Complete instructor led training in the modules scored less than 85%.
- Reassess in the modules scored less than 85% after completion of instructor led training.
- Grades shall be calculated by dividing the number of questions answered correctly by the total number of exam questions.



## M&A Safety Services

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- Successful completion of practical session is mandatory.

### Course Content Summary

- Classroom
- Practicals

**Breaks:** 10 minutes (approximately every hour)

**Lunch:** 1 hour

### Course Outline

Module	Description	Time
1	Device Identifications and Abbreviations	20-40 Minutes
2	Process Variables and Undesirable Events	30-45 Minutes
3	Emergency Support Systems (ESS)	30-45 Minutes
4	Regulations, Laws and Safe Practices	30-50 Minutes
5	Pressure Settings and Test Tolerances	30-50 Minutes
6	Testing Frequencies, Leakage Allowances and Recordkeeping	20-40 Minutes
7	SAT, SAC and SAFE	30-45 Minutes
8	Safety Device Identification Schematic Symbols	15-30 Minutes
9	Safety Sensors and Device Identification Picture	30-45 Minutes
10	Device Testing Procedures, Hands-On Training and Evaluation	30-40 Minutes
11	United States Coast Guard	30-40 Minutes
12	Out-of-Service, By-Passing, Flagging/Tagging Test Procedures	30-45 Minutes

**Practical Session** (conducted in T2 Lab)

Practical shall verify the following competence:

- Master & PLC Control Panels, ESD
- Wellhead CP - SCSSV, SSV & SDV
- LSH & LSL
- PSH & PSL
- PSV
- Burner Safety Low (BSL/TSL)



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- Flow Safety Valve (FSV)
- Analyzer Safety High (ASH)
- YSH (Ionization Safety High)
- Thermal Heat Sensor (TSH)

### **Training Center Provided Material**

- Manual
- PPE (safety glasses)

### **Delegate Requirements**

- None

### **Reference Material/Documents**

30 CFR 250  
30 CFR 254  
API RP 14C