MAWA EVENTS

Address: No. 857, Block A2. Leisure Commerce Square - No 9., 46150 Petaling Jaya, Selangor, Malaysia

Phone: +601116373203 | **Email:** info@mawaevents.net

PRESSURISED SYSTEMS INTEGRITY - WRITTEN SCHEMES OF EXAMINATION (WSE) WITHIN PSSR

"Ensuring Compliance & Safety Through Effective Pressure Systems Examination Planning"

Schedule

Venue (InHouse)	Fees
At Your Organization Premises	Ask For The Quotation

► **Available delivery methods:** Face-to-Face & Online Training, In-House Training

Introduction

This specialized training equips engineers, safety professionals, and plant managers with the knowledge and tools to develop and implement Written Schemes of Examination (WSE) in line with the UK's Pressure Systems Safety Regulations (PSSR 2000). The course explains legal obligations, practical steps for preparing WSEs, and best practices for managing the integrity of pressurised systems in high-risk industries. It blends regulatory insight with technical competence in assessing, documenting, and inspecting pressure systems.

Objectives

By the end of this course, participants will be able to:

- Understand legal and technical requirements under PSSR
- Identify systems requiring WSE and the required content
- Develop compliant and effective WSEs
- Understand inspection frequencies and methodologies
- Manage the integrity of vessels, pipelines, and associated equipment
- Coordinate with competent persons and inspection bodies

MAWA EVENTS

Address: No. 857, Block A2. Leisure Commerce Square - No 9., 46150 Petaling Jaya, Selangor, Malaysia

Phone: +601116373203 | **Email:** info@mawaevents.net

Why Attend

- Ensure your organization meets legal and safety requirements
- Avoid costly compliance failures and improve inspection regimes
- Learn directly from real-life failures, audits, and PSSR enforcement examples
- Gain practical tools to draft and manage effective WSEs

Target Audience

- Mechanical & process engineers
- Asset integrity & pressure systems engineers
- Plant operations & safety managers
- Compliance officers and facility managers
- Health & Safety professionals in regulated industries

Individual Benefits

- Master the components of a compliant Written Scheme of Examination
- Gain confidence in evaluating pressure systems risk
- Understand the role of the Competent Person under PSSR
- Receive a recognized certificate validating professional development

Organizational Benefits

- Strengthen your pressure system compliance program
- Reduce inspection and operational risks
- Improve collaboration with regulators and Competent Persons
- Enhance plant reliability and safety culture

Instructional Methodology

- Expert-led lectures with real-life case studies
- WSE documentation exercises
- Risk assessment walkthroughs
- Group discussion and scenario-based problem solving
- Interactive Q&A and knowledge checks

MAWA EVENTS

Address: No. 857, Block A2. Leisure Commerce Square - No 9., 46150 Petaling Jaya, Selangor, Malaysia

Phone: +601116373203 | **Email:** info@mawaevents.net

Course Outline

DETAILED 5-DAY COURSE OUTLINE (Customizable) Training Hours: 07:30 AM – 03:30 PM Daily Format: 3–4 Modules | Coffee breaks: 09:30 & 11:15 | Lunch Buffet: 01:00 – 02:00

Day 1 – Introduction to PSSR & Pressure System Risk

- Module 1 (07:30 – 09:30): Understanding the Pressure Systems Safety Regulations (PSSR 2000)
- Module 2 (09:45 – 11:15): Scope & Definitions of Pressure Systems Under Regulation
- Module 3 (11:30 – 01:00): Risk Assessment and Failure Modes of Pressurised Equipment

Day 2 – Components of a Written Scheme of Examination (WSE)

- Module 4 (07:30 – 09:30): What is a WSE? Legal Basis, Content & Applicability
- Module 5 (09:45 – 11:15): Identifying Critical Components & Defining Scope
- Module 6 (11:30 – 01:00): Determining Inspection Frequencies and Techniques

Day 3 – Inspection, Reporting & Documentation

- Module 7 (07:30 – 09:30): Role of the Competent Person and Inspection Planning
- Module 8 (09:45 – 11:15): Non-Destructive Testing (NDT) Methods for Pressure Systems
- Module 9 (11:30 – 01:00): Inspection Reporting, WSE Updates & Regulatory Review

Day 4 – Implementation, Safety Cases & Case Studies

- Module 10 (07:30 – 09:30): Integrating WSE into Asset Management Systems
- Module 11 (09:45 – 11:15): Real-Life Failure Case Studies & Legal Outcomes
- Module 12 (11:30 – 01:00): Preparing for Audits & Engaging With Regulatory Authorities

Day 5 – Practical Application & Simulation

- Module 13 (07:30 – 09:30): Practical Exercise – Drafting a WSE for a Sample Plant
- Module 14 (09:45 – 11:15): Peer Review, Critique and Optimization of WSEs
- Module 15 (11:30 – 01:00): Final Assessment, Wrap-Up Discussion & Certification

Certification

All participants will receive a Certificate of Completion in Pressurised Systems Integrity and Written Schemes of Examination (WSE).

Why Choose MAWA Events

- **Global Expertise:** More than 17 years of experience in professional training and consulting.
- **Industry-Leading Faculty:** Courses delivered by seasoned professionals with hands-on experience.
- **Practical Insights:** Learn to turn theory into actionable strategies for real-world business impact.
- **Client-Focused Solutions:** Customized programs designed to achieve your organisation’s unique goals.

In-House / Customized Training Interested in running this course for your team? Please contact us:	TEL: **+601116373203**	EMAIL: **info@mawaevents.net**

Follow us: **Facebook** **Twitter** **YouTube** **LinkedIn** **Instagram**

© Material published by MAWA Events shown here is copyrighted. All rights reserved. Any unauthorized copying, distribution, use, dissemination, downloading, storing (in any medium), transmission, reproduction or reliance in whole or any part of this course outline is prohibited and will constitute an infringement of copyright.