



**ASSETS PROTECTION COMPANY**  
**SECURITY AND SAFETY TRAINING CENTER**  
 (A DIVISION OF SAUDI PETRO GAS COMPANY)

**Advanced Maintenance Management**

The aim of this module is to give an exposure of modern maintenance techniques and system to senior maintenance managers.

**Objectives**

At the end of the program, the participants will be able to

- Understand the need and types of modern management techniques and systems
- Adopt effective Planning skills and analyze the failures objectively.
- Apply appropriate Problem Solving Techniques in improving maintenance
- Understand the importance of control of maintenance costs in relation to overall profitability of the company.

**Course Subjects & Schedule:**

<b><u>Day 1</u></b>	<ul style="list-style-type: none"> <li>▪ System approach to Maintenance</li> <li>▪ Maintenance Planning</li> </ul>	<b><u>Day 4</u></b>	<ul style="list-style-type: none"> <li>▪ Reliability centered Maintenance</li> </ul>
<b><u>Day 2</u></b>	<ul style="list-style-type: none"> <li>▪ Computer Maintenance Management System</li> <li>▪ Condition Based Maintenance Management System</li> </ul>	<b><u>Day 5</u></b>	<ul style="list-style-type: none"> <li>▪ Failure Analysis</li> <li>▪ Problem Solving Techniques in Maintenance Management</li> </ul>
<b><u>Day 3</u></b>	<ul style="list-style-type: none"> <li>▪ Residual Life Analysis</li> </ul>		<ul style="list-style-type: none"> <li>▪ Cost Optimization in Maintenance</li> <li>▪ Final exam</li> </ul>

<b><u>Participants:</u></b>	<ul style="list-style-type: none"> <li>▪ Middle level executives from maintenance function</li> </ul>
<b><u>Methodologies:</u></b>	<ul style="list-style-type: none"> <li>▪ Class Room sessions</li> <li>▪ Learning Review</li> <li>▪ Evaluation:               <ul style="list-style-type: none"> <li>• Written Test</li> <li>• Practical: Oral / Viva-voce</li> </ul> </li> </ul>
<b><u>Duration:</u></b>	Five (5) days
<b><u>Course Location:</u></b>	Security and Safety Training Center, Dhahran or at Client's Venue
<b><u>Course Cost;</u></b>	<b>S.R. 3562.00 per Participant</b>
<b><u>Language:</u></b>	English / Arabic