



Asia Masters Center

The Art and Practice in Evaluation of Environmental Performance



The Art and Practice in Evaluation of Environmental Performance

Course Objective

- Providing a better understanding of an organization's impacts on the environment;
- Providing a basis for benchmarking management, operational and environmental performance;
- Provide identifying opportunities for improving efficiency of energy and resource usage;
- Determining whether environmental objectives and targets are being met;
- Demonstrating compliance with regulations;
- Determining proper allocation of resources;
- Increasing the awareness of employees; and
- Improving community and customer relations.
- Describe the key steps in an EPE model
- Explain the role of EPE in developing, maintaining and improving an EMS
- Identify a range of performance indicators
- Select suitable indicators to track environmental performance



➔ Target Audience

- Environmental Management System Representatives (EMRs), Pollution Control Officers, EMS Process Owners.
- Those who are tasked to assess EMS implementation in their own companies or their suppliers.
- Environmental specialist and researchers. Purchasing and supply chain managers. Project managers

➔ Course Outline

Day 1: Definition of Environmental Performance Evaluation (EPE) System

- **ISO14031 and its relation to other standards**
- **General Indicators for achieving specific targets**
- Compliance with laws
- Benchmarking
- Cleaner Production
- Energy Efficiency
- **Analysis of enterprise activities and determination of potential impacts and risks**
- Definition of environmental policies
- Suggestion of necessary actions and adjustments
- Predisposition of operating and monitoring procedures
- Design related risks
- Operation related risks
- Disposal related risks

Day 2: Management Performance Indicators (MPIs)

- **Management commitment**
- Organization of environmental department
- Budget allocation
- Incentives
- Construction of reporting systems integrated with managerial direction
- **Environmental policy**
- Objectives and targets
- Preventive and corrective actions
- Emergency procedures
- Training
- Document control
- Continuous improvement
- Contractor specifications and selection criteria
- **Self monitoring plan – Monitoring Potential Risks**
- Monitoring health and safety - Health and Safety Plan
- Monitoring Emissions
- Monitoring Hazardous materials and wastes

Day 3 Operation Performance Indicators (OPIs)

- **Resource consumption**
- Materials
- Energy
- Water
- **Efficiency of operation**
- Operation control
- Maintenance
- BAT
- **Sustainability**



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- Sustainable inputs
- Cleaner production
- Waste reduction, recycling and reuse

Day 4 Environmental Conditions Indicators (ECIs)

- **Global warming potential**
- Fuel and electricity consumption
- Use of emission factors
- Emission of GHGs
- LCA approach
- **Emissions to air**
- Main pollutants
- Sensitivity of location
- **Wastes**
- Type of waste Hazardous/non-hazardous
- Recycling/re-use
- Management, treatment and disposal

Day 5

- **1-Benefits or positive effects with improved environmental performance**
- **2- Case Study - Development of Environmental Performance Indicators**
- Practical skills in designing financial models using Excel
- The design of financial models for forecasting and decision-making

➤ **The Feature Of Asia Master Training And Development Center**

- we pick up the customer from the airport to the hotel.
- we give the participant training bag includes all the necessary tools for the course.
- Working within groups to achieve the best results.
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- We can assist you in booking hotels at discounted prices if you wish to book through us.
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➔ **The Cost Of The Training Program Includes The Following:**

- 1) Scientific article on flash memory.
- 2) Training Room.
- 3) Training.
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Price (USD)

**Communicate with the training department
to know the participation fees**

➤ **There are offers and discounts for groups**

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