Certified Health, Safety and Environment Professional

Four Months Weekend Based Professional Diploma in Health, Safety and Environment Management

A professional diploma for HSE Managers and all those professionals interested in the field of Health, Safety and Environment
Certified Health, Safety and Environment Professional

Introduction
This certification provides a solid foundation to beginners and professionals in the field of Health, Safety and Environment. An HSE department is usually found in all the big companies, which is entrusted with responsibility to look after the interests of both employers and employees under the prevalent national HSE laws. It also helps the employers to fulfill their legal obligations in regard to providing the employees with requisite training, safe work place and pollution free working environment. Knowledge of working environment at the workplaces is an important first step in healthcare. Industrial Safety and Health Laws require periodic measurement of various environmental conditions, particularly for the environmental measurement of a workplace where a harmful substance is handled. It is also necessary to understand the working methods, and to have advanced knowledge and techniques concerning the establishment of measuring places and the handling of measuring instruments.

Intended Learning Outcomes
1. To develop, implement and audit a Health, Safety and Environment Professional Program.
2. To understand the types of Industrial Accidents and their effects on the employees, work organization and society at large.
3. To understand the nature and causes of Industrial Accidents and Environmental Pollution.
4. To Identify the measures that organizations can take in order to maintain a healthy and safe work environment.
5. To understand how HSE Standard Operating Procedures are developed and practiced.
6. To develop, implement and audit HSE System.

Duration
4 Months duration diploma course with classes once a week on every Saturday from 11.00AM to 05.00 PM

Admissions
Eligibility for admission in this certification / diploma course is graduation in any discipline. Participants having some work experience in the relevant field will be given preference.

Award of Certification
Participants on qualifying the written exam, assignments/quizzes and the assigned project will be awarded with a certification/diploma.

Course Material
Course material will be provided to the participants in hard form where as class notes and instructor slides in soft form.

Teaching Strategies
This is professional certification/diploma course which involves teaching methodologies like, lecturing by the instructors, class discussions, class assignments & presentations by the participants, and experiential sharing by the guest speakers. In this respect participants will have to carry out timely study, investigations, and assignments to grip the subject. Discussions in the class will be focused on the key points, create critical thinking, share experiences of fellow professionals and build professional maturity.
Your best choice to become a Health, Safety and Environment Professional

Project
The participants are required to work on real life projects on selected topics and tools, preferably from the organizations in which they are working. The projects will be of a practical nature and should be completed within the stipulated time frames. A project report will be submitted in accordance with the laid down criteria, format and coverage.

Faculty
The faculty is derived from a pool of qualified practitioners and academicians with sound track record and expertise in the relevant field.

Course Contents
The program consists of seven modules as follows:

Module 1: Introduction to HSE Management:
Overview of HSE Management System, Structure and Organizing of HSE Legal & Other Requirements

Module 2: Hazard Identification, Risk Assessment & Controls:
Hazard Identification and Risk Assessment, Hierarchy and Principals of Control, Movement of People and Vehicles Hazards & Control / Equipment, Manual, Mechanical and Electrical Hazards & Control, Chemical and Biological Health Hazards & Control, Fire Hazards & Control, Working at Height and Confined Space Hazards & Control, Physical and Psychological Hazards & Control, Construction Activities Hazards & Control and Introduction of Process Safety (HAZOP, FEMA, What if, SIL) / Behavioral Management.

Module 3: Environmental Management:

Module 4: Occupational Incident, Accident Analysis and Control:
Classification of Incidents / Major Causes of Industrial Accidents, Incident Analysis (4M Analysis, Cause & Effect, Tripod Beta), Corrective and Preventive Measures, Incident Reporting, Leading and Lagging EHS Indicators

Module 5: Emergency Preparedness:
Categorization of Emergencies / Emergency Response Plan Requirements, How to develop an efficient ERP, Disaster Management

Module 6: HSE Audits:
Audit Introduction & Protocols / How to develop Audit Scope & Checklist, Audit Methodologies and Audit Findings Summary & Final Report / Permit to Work

Module 7: HSE Modern & Best Industrial Practices:
PIQC - Center for Excellence

Leading Institute in Pakistan providing academic programs, professional diplomas & certifications, short courses and corporate development in Quality Control (QC), Quality Assurance (QA) and Total Quality Management (TQM), Human Resource Management (HRM) and Health, Safety and Environment (HSE). Celebrating the 25th year of its establishment, PIQC vision is to see Pakistan a hallmark of Quality in the national and global environments. With its leadership and team of specialists, it has provided academic education and professional courses to more than 40,000 students and professionals. It is the pioneer and most authentic source for running International Six Sigma and Lean Manufacturing programs, including Six Sigma Yellow Belt, Six Sigma Green Belt and Six Sigma Black Belt in Pakistan.

PIQC has professional collaborations and linkages with various local and foreign organizations including Hamdard University, Superior University, NED University of Engineering and Technology, IQCS Certification, Singapore Quality Institute International (SQII), American Society for Quality (ASQ), and Quality and Productively Society of Pakistan (QPSP)

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Head Office
Rukhsana Kausar
Assistant Manager Trg. & Development
½ km Defence Road, off 10 km Raiwind Road, Lahore, Pakistan
Tel: 0092 42 35323600-6, Cell # 0331-4342530
Fax: 0092 42 35324169
Email: training@piqc.edu.pk, rukhsana.kausar@piqc.edu.pk

Karachi Office:
Ikramulla Shariff
Director Business Development
D-33, Block 8, Gulshan-e-Iqbal
Karachi - Pakistan
Tel: 92-21-3498707, 34825684
Cell # 0333-2163620
Fax: 92-21-34990775
E-mail: ikram@piqc.edu.pk

www.piqc.edu.pk