

## Professional Certificate in Risk Manager for Environmental Health & Hygiene

### Course Background:

In 1997, the first instance of direct bird-to-human transmission of H5N1 was documented during an outbreak of avian influenza among poultry and the virus caused severe respiratory illness in 18 people, of who 6 died. For the outbreak of SARS last year, though there has not been any new case of SARS reported but we have to prepare on the assumption that this will return. The SARS Expert Committee said that the most important lesson from the SARS experience is the need to be prepared. Are all these outbreak of diseases reflecting the system failure of local health management system, deficiencies of public awareness on environmental hygiene? What is the role of Public Health Practitioners, Government officials then? What is the outlet from these risks?

### Course Aims:

To equip public health practitioners or consultants, government officials, health educators or administrators, property managers and so on, with risk management skills to help maintain high standards of environmental hygiene and minimize the risks and threats caused by pest, live poultry and other environment nuisances, and develop a long-term strategy to promote public health awareness on higher hygiene standards and a healthy lifestyle in community and workplace environment.

### Who will benefit from the programme?

The programmes will benefit greatly public health practitioners and government officials, health managers and allied safety and health professionals and researchers working in public health and preventive medicine, as well as managers, supervisors and employers who manage properties and estates, fresh meat markets, infant and elderly care, school education, business sectors, food production and services and social services.

### CPD programme

The programme provides 24 hours of CPD for Safety Auditor.

### Course Consultant: Mr. K. Y. Lee [RN, BSc.(Hons), MSc.(Occ.Hyg.), RSO, MIOSH, AMACGIH]

A registered nurse and registered safety officer who is currently engaged in a sizable organisation in Hong Kong as a Health, Safety and Environmental (HSE) Practitioner. He has accumulated substantial experience in training and consultant service in HSE field. He had obtained an Honour Degree from the Chinese University of Hong Kong and a master degree in Occupational Hygiene from the University of Western Sydney in 2000. He is currently undertaking his second master degree in Environmental Management from the University of Hong Kong. His major interest on research is Environmental and Occupational Hygiene, Indoor Air Quality and Noise Measurement.

### Course Tutor: Ms Maggie Y. C. Wong (Senior Health Care and OH Professional)

Ms Maggie Y.C. Wong has had 15 years of experience in nursing, occupational health, rehabilitation in hospitals, health care services organizations, pharmaceutical company and oil industry in Hong Kong and Australia.

MSc degree in Safety Science, The University of New South Wales, Australia

MSc degree in Nursing, The Monash University / The Hong Kong Polytechnic University

BSc degree in Nursing, The Avondale College of Australia

Diploma in Epidemiology and Applied Statistics, The Chinese University of Hong Kong  
Certificate of Critical Care, The Hong Kong Sanatorium and Hospital

**Course Tutor: Dr. C.K. Wong (Senior OHS and Environmental Health Consultant)**

Dr. C.K. Wong has had solid experiences in safety, health and environmental. His doctor degree in the Marine Science and Environmental Toxicology, MSc degree in Biochemical Toxicology, Environmental & Occupational Health and Pharmacology, BSc degree in Environmental Science (Biology), The Chinese University of Hong Kong

**Programme Duration:**

3 full Days or 6 nights lectures with risk identification activities and a half-day site visit.

**Vacancy:**

25 - 30 seats

**Overall Approach:**

- (I) *Legislative requirements and international best practices*
- (II) *Roles of Risk Manager of Property, Building Management Professional and Primary Health Administrators, Home Care, Infant & Elderly Care, Education Sectors, Food & Beverage Industry, Hotel Industry, Market Management and Safety & Health Professional on Environmental Health and Hygiene.*
- (III) *Risks on Environmental Hygiene:*
  - A. Community Diseases (e.g. gastroenteritis, avian flu, SARS...)
  - B. Community Acquired Pathogens (e.g. Norwalk virus, H5N1, corona virus...)
  - C. Signs and Symptoms of Community Acquired Diseases
  - D. Concept of Environmental Hygiene as preventive measures:
    - 1. Personal Hygiene
      - i. Penalties for personal cleanliness offences;
      - ii. Civic and health education in schools.
    - 2. Home Hygiene (New Cleansing Culture in PHEs)
      - i. Building management and maintenance;
      - ii. Building design;
      - iii. Urban design;
      - iv. Public Housing Estates (PHEs).
    - 3. Community and Workplace Hygiene
      - i. Public markets
      - ii. Licensed food premises
      - iii. Workplace hazards
        - i. Physical
        - ii. Chemical
        - iii. Biological
    - 4. Community Health Risk
      - i. Avian Influenza
      - ii. Dengue fever and other mosquito-transmitted diseases
      - iii. SARS

**5. Sustainability of Environmental Hygiene**

- i. Tackle old problems with new methods
- ii. Boost community involvement and public education
- iii. Proper institutional arrangement
- iv. Public health education programmes for new arrivals, domestic helpers, street users and public facilities users
- v. Establishment of District Hygiene Squad to inspect and monitor hygiene conditions, and identify problematic areas for improvement
- vi. Launch a Community Cleanliness Index to benchmark the hygiene conditions of each of 18 districts.

**6. Contingency Plan / Emergency Preparedness****(IV) Concept and Application of Risk Management**

1. Risk Management Policy
2. Planning and resourcing
3. Implementation Programme
  - i. Establish the context
  - ii. Risk identification
  - iii. Risk analysis
  - iv. Risk evaluation
  - v. Risk treatment
  - vi. Monitoring and review
  - vii. Communication and consultation
4. Management Review

**(V) Appreciation of Risk Management Approach on Environmental Hygiene:**

- (1) Biosecurity measures in the Farm licensing condition.
- (2) Surveillance measures for imported chickens.
- (3) Introduction of "Rest Day" in retail markets, and cleansing and disinfection of premises.
- (4) Segregation of farming, transportation, trading and slaughtering of live chickens and water fowls.

**COURSE FEES**

(3 participants booked are entitled 10% discount)

(a class of 18 participants or above booked inclusively for an organization)