YN SAFETY AND HEALTH
CONSULTANCY SERVICES (M) SDN BHD
优 能 安 全 培 训 机 构

Chlorine Gas Awareness Training (1 day)

INTRODUCTION

Chlorine gas is widely used in water treatment and industrial processes but can pose serious health, safety, and environmental risks if not handled properly. This training provides participants with essential knowledge on chlorine gas hazards, safe handling practices, control measures, and emergency response procedures to ensure a safer workplace

HRDF SBL-KHAS
Claimable

OBJECTIVE

Participants will be benefit by being able to:

- Understand chlorine gas hazards and legal requirements
- Apply safe handling, storage and labelling practices
- Recognise health effects and exposure risks
- Implement appropriate control measures and PPE
- Respond effectively to chlorine gas leak emergencies



COURSE CONTENTS

Legislation	➢ Environmental Quality Act 1974 ➢ OSHA, CLASS & USECHH Regulations ➢ Chlorine Incident Case Study
Introduction & Chemical Properties	➢ Chlorine properties and applications ➢ Physical and chemical characteristics ➢ Chlorine hazards and exposure potential
Health Hazards & Toxicology	➢ Routes of chlorine exposure ➢ Health effects and toxicology ➢ Exposure limits and monitoring ➢ Incidents case studies
Workplace Control Measures & PPE	➢ Engineering and administrative controls ➢ PPE selection (Air-Purifying Respirators vs SCBA) ➢ LOTO and chlorine maintenance safety
Emergency Response & First Aid	➢ Leak detection and emergency actions ➢ Evacuation and assembly procedures ➢ First aid for chlorine exposure ➢ ERT roles & responsibilities
Wrap-up & Q&A	➢ Quiz ➢ Open Q&A session

ABOUT SPEAKER

Trainer:
AARON ONG FOOK LEONG

Qualification

- DOSH Registered Hygiene Tech 2
- NIOSH Certified Trainer
- HRDC Accredited Trainer
- BOMBA Certified Firefighter
- Member of Malaysian Industrial Hygiene Association (MIHA)

Professional Experience

- More than 25 years of experience in Safety, Health & Environment (SHE) field
- Experienced trainer in Chemical Safety, USECHH, Work at Height, HIRARC, PPE, Industrial Ventilation, Emergency Response & Environmental Compliance Training
- DOSH Registered Competent Person for Hygiene Tech 2 since 2008

CERTIFICATION

Certificate of Attendance

TARGET GROUP

- Chemical handlers
- ERT members
- Plant Operators
- Safety Committee Members
- Municipal water maintenance crew

*** Maximum 20 pax per group**

METHODOLOGY

Interactive Lecture | **Video presentation** | **Hands-on practical**

FOR MORE DETAIL, PLEASE CONTACT

YN Safety and Health Consultancy Services
Name : **Elaine Tan**
Phone : 0195288003
Email : support@yn-leadsafety.com

Other Safety and Health Consultancy Services are provided. Please contact to get more details.