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

Ammonia Gas Awareness Training (1 day)

INTRODUCTION

Ammonia is a hazardous chemical widely used in refrigeration, manufacturing, and industrial processes. Improper handling or leakage can result in serious health, safety, and environmental consequences. This training provides essential knowledge on ammonia 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:

- Learn and understand legislation pertaining to Ammonia gas
- Learn SDS and proper methods for Ammonia handling, storage, and labelling.
- Gain knowledge about health effects due to Ammonia gas exposure and protective measures.
- Develop awareness to control Ammonia gas hazard via Hierarchy of Controls.
- Acquire practical expertise in emergency response planning for Ammonia gas leaks.

COURSE CONTENTS

Legislation	➢ Environmental Quality Act 1974 ➢ OSHA, CLASS & USECHH Regulations ➢ Ammonia Incident Case Study
Introduction & Chemical Properties	➢ Introduction to ammonia and its uses ➢ Anhydrous vs aqueous ammonia ➢ Physical and chemical properties ➢ Reactivity and flammability hazards
Health Hazards & Toxicology	➢ Routes Of ammonia exposure ➢ Acute and chronic health effects ➢ Exposure limits and toxicology basics ➢ Incident case studies
Workplace Control Measures & PPE	➢ Engineering and administrative controls ➢ PPE selection (Air-Purifying Respirators vs SCBA) ➢ LOTO and ammonia maintenance safety
Emergency Response & First Aid	➢ Leak detection and emergency actions ➢ Evacuation and assembly procedures ➢ First aid for ammonia 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
- Plant Operators
- Maintenance Personnel
- ERT members
- Safety Committee Members

*** Maximum 20 pax per group**

METHODOLOGY

Hands-on practical | **Video presentations** | **Case studies**

FOR MORE DETAIL, PLEASE CONTACT

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