PROJECT PROPOSAL

Project Name :

Chemical Health Risk Assessment (CHRA)

A. INTRODUCTION

The resource requirement and investment required by every client for the implementation of Chemical Health Risk Assessment (CHRA) is part of the compliance of Use and Standard of Exposure to Chemical Hazardous to Health (USECHH) Regulations 2000. Under USECHH regulation, the employer is to make a comprehensive assessment of the risk of employees exposure to chemical hazardous to health. From the assessment it will enable a decision to be made on appropriate control measure, training to the employees, monitoring and health surveillance activities as may be required to protect the health of employees who may be affected by their activities to chemicals hazardous to health.

B. JOB SCOPE

- To identify the hazards posed by each chemical substance used, stored, handled or transported within the place of work.
- To evaluate the degree of exposure of employees to the chemicals hazardous to health.
- To evaluate the adequacy of existing control measure.
- To conclude on the significance of the of the health risk posed by the chemicals hazardous to health.
- To recommend further appropriate control measures to prevent or reduce risks.

C. PROJECT DETAILS

It is estimated that MASMA Safety team will require about 30 man-days for the completion of this project. Assessment program consists of:

- Walk through survey
- Identification of chemical hazardous to health (Regulation 5)
- Interview with relevant personnel
- Gathering of relevant document
- Determine degree of hazard and evaluate exposure
- Determine adequacy of control measure
- Chemical Health Risk Assessment Report
- Briefing HSE Committee/Management

D. MAN-DAY

It is estimated that MASMA Safety team will require about 30 man-days for the completion of this project.

Field Work (1 Day)

- On-site information gathering at Client Premise

Report (14 – 30 Days)

- Off-site data analysis, and report preparation
- Final presentation will be conducted virtually (online). Additional fees of RM400 will be charge for physical presentation request.

E. RESPONSIBILITY

1. Client is responsible to :
    - Provide a copy of Chemical Safety Data Sheets, Plant layout of the area, process flow chart, list of control equipment and their maintenance record, accident and incident record available, health surveillance program, training program and personal protective equipment program for the CHRA purpose.
    - Appoint personnel who will assist MASMA Safety in navigating the clients environments for CHRA.
    - Provide onsite working space for MASMA Safety team members at client site for CHRA

2. MASMA Safety is responsible to :
    - Inform the management of client in writing or other means of communication tools in case of rearrangement of resources or date of assessment and monitoring,
    - Keep the information or findings of the project confidential and not disclose to any party without prior approval from the client management

F. DELIVERABLES

Upon completion of the project, MASMA will :

- Present the findings of Chemical Health Risk Assessment to Client Management
- Deliver an official report of Chemical Health Risk Assessment within 7 (seven) working days after the payment has been made.

MASMA SAFETY SOLUTION
(NS0282670-A)

GALLERY –
CHEMICAL HEALTH RISK ASSESSMENT













OUR TRAINER



JA'AFAR BIN OTHMAN

B.Sc (Analytical Chemistry)

Ja'afar bin Othman, hold a bachelor degree in Applied Science (Hons) Analytical Chemistry from University Science Malaysia. He was also graduated with Diploma in Laboratory Technology from the same university. He has extensive experience in the field of OSH training, consultation and services with total of more than 16 years experience as OSH practitioner. The nature of his job is about conducting workplace and environmental monitoring for chemical, noise, lead, mineral dust, ambient air, boundary noise measurement, volatile organic compound and effluent discharges to industries subscribe to ISO 14000 and OHSAS 18000.

He is recognized as Lead Assessor in CHRA of various industries such as Petrochemicals, Offshore (Platform & Rigs & Vessel) Chemical Waste Recovery, Paint Manufacturing, Ceramics, Electronics, Woodbase etc. By completing 'Train The Trainer' (TTT) course conducted by NIOSH, he has conducted several OSH training at multinational and local companies on Safety in The Use of Chemicals, Hearing Conservation Programme, OSH Awareness, Safety and Health Committee, HIRARC, Schedule Waste Management and etc.

Hold a professional DOSH competency certificate as assessor with registration reference number JKKP HIE 127/171-2(326). Previously, he also registered as DOSH competent person in Chemical Monitoring (Hygiene Tech 1), LEV Testing (Hygiene Tech 11), Mineral Dust, Lead as well as Noise.