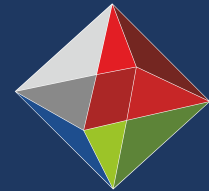


OCCUPATIONAL HYGIENE MANAGEMENT AND REPORTING SYSTEM



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& LABORATORY SOLUTIONS

UMOYA Occupational Hygiene and Laboratory Solutions launched a new OHMAR (Occupational Hygiene Management and Reporting) Software dedicated to assist in the following:

HR LABOUR LIST AND HEG POPULATION

- Each client labour file will be imported and manually updated to ensure quality control.
- All employees will be linked to specific Homogenous Exposure Groups (HEGs) and Occupation Codes as stipulated in the new guideline for the compilation of a MCOP for personal exposure to airborne pollutants + Occupational Health Programme for Noise.
- Each HEG will be assigned with hazards as identified in baseline risk assessment.
- All hazards will be categorized according to risk.

POPULATING A SAMPLING SCHEDULE

- Randomly selected based on number of employees dedicated to each HEG as well as the classification of each hazard involved.
- Sampling schedule to be populated for 1 year and will be closed out only when all samples have been taken.
- Re-classification of next year's hazards will be based on the 90th percentile value of each HEG for samples taken over that specific year.

DATA CAPTURING OF SAMPLES

- Manual input of sampling data according to sampling schedule.
- Easy to use drop-down selection of available options.
- Quarterly and Annual Airborne Pollutant Personal Exposure Reporting in accordance to new guideline templates for additive and individual pollutants.
- Quarterly and Annual Personal Noise Exposure Reporting.

CONFIGURATION IMPLEMENTATION



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• Custom setup for each client as per client / operation requirements

• Import of HR Labour list according to recognized occupations and corresponding occupation codes – drop down selection of available options.

- Name and Surname
- Company Number
- ID Number
- Gender
- Occupation
- Assign to HEG

• Determination of HEGs

- Sampling Area
- Ventilation District (Underground Only)
- Activity Area

• Sampling Strategy based on:

- Activity Area
- Pollutant
- Historical personal exposure data - 90th Percentile exposure of employees in HEG for previous sampling period – if sufficient data is not available, a baseline survey needs to be conducted.
- Number of employees assigned to HEG
- Risk Classification according to guideline
- Automatic calculation of minimum samples required per annum
- Randomly selected and spread out evenly over the sampling period

• Data capturing of personal samples (attach field data collection sheet as proof)

- Site Details
- Employee Details
 - Date
 - Name
 - HEG
 - Occupation Code
 - Pollutant sampled
- Detailed Task Description
- Gravimetric Sampling Data
 - Pump Number
 - Filter Number
 - Pump Flowrates
 - Run Times
 - Shift
 - Exposure Results (TWA) – Action report populated for exposures above the OEL
- Noise Sampling Data
 - Desimeter Serial Number
 - Pre + Post Checks
 - Laeq
- Observations
- Operational Conditions
- Legal Requirements
- Signatures



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CONFIGURATION IMPLEMENTATION...continued

• **Populating quarterly DMR reports for submission as per newly revised templates**

- Operations detail report form
- Personal Exposure reporting form 21.9(2)(a): Single Pollutants
- Personal Exposure reporting form 21.9(2)(a): Additive Pollutants
- Personal Noise Exposure reporting form 21.9(2)(e)
- Noise + Silicosis Milestones Report

• **Equipment Register**

- Site specific
- Serial Numbers
- Calibration Dates
- Original Equipment Manufacturer
- Calibration Certificates (loaded onto system)
- Flagging of instrumentation to be sent for calibration (email notification one month in advance)
- Will not allow selection of sampling equipment if no valid calibration certificate is in place

CONTACT US TODAY FOR MORE INFORMATION ON HOW WE CAN ASSIST YOU!

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