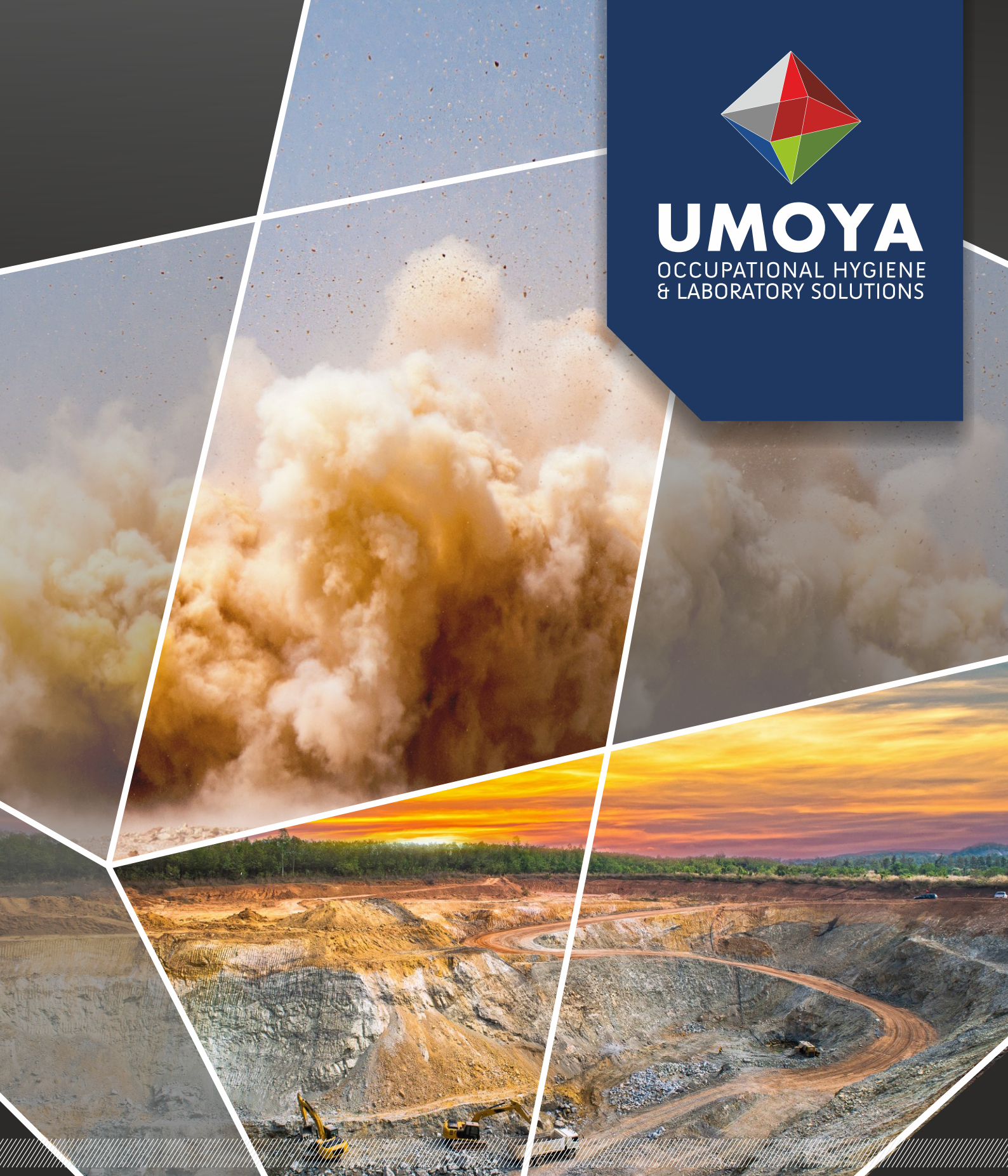


UMOYA

OCCUPATIONAL HYGIENE
& LABORATORY SOLUTIONS



OCCUPATIONAL HYGIENE & LABORATORY SOLUTIONS
**QUARRIES, OPENCAST MINING OPERATIONS &
BRICK MAKING FACILITIES (INCL CERRAMICS)**

www.umoyavohe.co.za

COMPANY BACKGROUND

UMOYA Occupational Hygiene and Laboratory Solutions (Pty) Ltd is a proudly 51% Black Owned Level 2 BEE Company, comprising of a team of experienced professional Laboratory and Occupational Hygiene Specialists in the Mining, Industrial & Engineering sectors. We pride ourselves in rendering an unmatched quality service to our clients.

UMOYA Occupational Hygiene and Laboratory Solutions provide an expert inclusive service, tailor made for each company specialising in:

- **Anticipation, Recognition, Identification, Evaluation and Control of workplace hazards that may have a detrimental effect on the health and well being of employees;**

MISSION

To continually improve and evolve with the latest technological advances in the fields of Occupational and Industrial Hygiene with regard to ensuring that we safeguard the health of every employee associated within a specific working environment.

VISION

To become the dominant service provider to the Mining and Industrial sectors by offering a professional service based on scientific principles, using the latest technology available, so as to provide our client base with accurate and unbiased information on matters relating to Occupational Hygiene and Laboratory Services.



OUR SERVICES CONSIST OF (BUT ARE NOT LIMITED TO:)

Compilation of Annual Risk Classification of Homogenous Exposure Groups according to SAMOHP Codebook / Occupational Exposure Sampling Strategy Manual (OESSM) to measure levels of exposure to Occupational health hazards;

- to conduct occupational hygiene surveys according to prescribed methodologies. The Occupational Health and Safety Act, No.85 of 1993 (OHSA), section 8(2)(d), requires that every employer shall make an evaluation of the risks attached to conditions to which persons are exposed in the workplace and furthermore, that steps shall be taken to ensure conditions are safe where necessary.

Baseline and continuous risk assessments, with specific reference to planning, design, implementation and management of occupational health stressors;

Issue Based Occupational Hygiene Risk Assessments with regard to:

- Chemical Stressors;
- Biological Stressors;
- Physical Stressors;
- Ergonomical Stressors.

Implementation of control systems and management thereof to reduce exposures below the stipulated OEL's (occupational exposure limits);

Compilation or Revision of Code of Practices as per the latest DMR guideline with regards to:

- Mandatory Code of Practice for an Occupational Health Programme for Noise;
- Mandatory Code of Practice for an Occupational Health Programme on Personal Exposure to Airborne Pollutants;
- Mandatory Code of Practice for an Occupational Health Programme on Thermal Stress;
- Mandatory Code of Practice for the Prevention of Flammable Gas Explosions in Mines other than Coal Mines;
- Mandatory Code of Practice on Minimum Standards of Fitness to Perform Work;
- Mandatory Code of Practice on Emergency Preparedness and Response;
- Mandatory Code of Practice on Fatigue Management
- Mandatory Code of Practice on Prevention of Fires at Mines

Compilation of occupational hygiene employee exit exposure (DMR 276) forms;

Linkage of occupational hygiene measurements to the appointed Occupational Medical Practitioner (OMP) - employee records of medical surveillance;

Compilation and submission of Quarterly and Annual reports at the required reporting periods, through the employer to the principal inspector of mines, as required by the Department of Mineral Resources (DMR).

Specialised Occupational Hygiene surveys and investigations including:

- Noise Induced Hearing Loss (NIHL);
- Biological Monitoring (exposure to Carcinogen based pollutants and fumes);
- Ergonomics Surveys;
- Vibration Surveys;
- Area Noise Surveys;
- Illumination Surveys;
- Air Quality Surveys;
- UV Monitoring.

Developing and/or monitoring an Occupational Hygiene Program with regard to:

- Chemical Stressors (Dust, DPM, Gases, Vapours etc.);
- Biological Stressors (Bacteria, Viruses & Fungi);
- Physical Stressors (Noise, Vibration, Thermal Stress, Radiation & Illumination);
- Ergonomical Stressors.

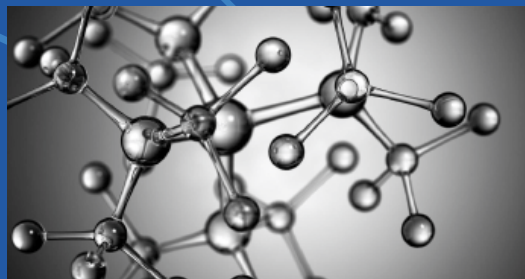
AIR QUALITY TESTING

- Gravimetric weighing and supplying of dust filters – MDHS14/3
- Alpha-quartz (Crystalline Silica) – NIOSH 7500
- Diesel Particulate Matter (DPM) – NIOSH 5040
- Particle Size Analysis (PSA) – ASTM C1070
- Welding Fumes – NIOSH 7300
- Elemental ICP Analysis – NIOSH 7300
- Chemical Analysis
- Flammable Gas Detection

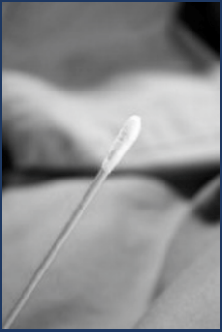


WATER QUALITY SAMPLING AND ANALYSIS

- Drinking (Potable) Water Testing (SANS 241);
- Agricultural Water Testing;
- Service Water Testing.



SWAB & SURFACE SAMPLE TESTING AND ANALYSIS



- Canteens;
- Kitchens;
- Change Houses;
- Hostels.

Our laboratory regularly tests swab and surface samples. A wide variety of compounds can be tested for chemical and microbiological contaminants. If you are evaluating spraying, wanting to understand the nature of deposits or monitor cleaning processes we'll have a swab and surface sample test to meet your requirements.

ENVIRONMENTAL SERVICES

- Noise Monitoring (Environmental)
- Borehole Water Sampling & Analysis

WEATHER STATIONS

- Supply;
- Installation;
- Monitoring and data capturing of:
 - Wet Bulb Temperature;
 - Dry Bulb Temperature;
 - Globe Temperature;
 - Dew Point Temperature;
 - Wind Chill Temperature;
 - Wind Speed;
 - Barometric Pressure;
 - Rainfall;
 - Humidity;
 - UV intensity.

FALL OUT DUST

- Supply of Fall Out Dust monitoring equipment;
- Post weighing of field filters - dust samples collected from our various clients are processed in our wet laboratory and the weights determined in our dry laboratory by a qualified air quality analyst. The data is then used to generate a report.
- Generating statutory report
- Micro scan of filters to determine constituents on the filter
- Fall Out Dust Monitoring Programme



ADDITIONAL SERVICES OFFERED

With various agreements in place with suppliers and manufacturers, Umoya Occupational Hygiene and Laboratory Solutions can offer the following at very competitive rates. We also offer a full import facility on specialized equipment:

SUPPLY OF OCCUPATIONAL HYGIENE EQUIPMENT

- Noise Dosimeters;
- Sampling Pumps;
- Noise Meters;
- Lux Meters;
- Lux Meter Tunnel for daytime vehicle illumination testing;
- Vibration Monitoring;
- UV Monitoring;
- Noise Boards / Signs (automated Noise calculation and Zoning);



CUSTOM FIT HEARING PROTECTION (HDP'S)

- Supply;
- Maintain;
- Monitor;
- Record Keeping;
- Compilation of a hearing Conservation Program.
- Noise Induced Hearing Loss Investigations



WELDING FUME EXTRACTION

- Extraction systems for Workshops (permanent installation)
- Portable extraction system
- Exposure Monitoring – Welding Fumes and UV exposure



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

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HEAD OFFICE

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Postal Address:

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Satelite Offices:

GEORGE & SURROUNDING AREAS (up to 750km)

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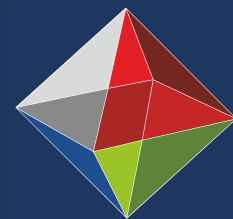
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