



OCCUTECH CC

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APPROVED INSPECTION AUTHORITY
OH0012-CI 028



OCCUPATIONAL HYGIENE, SAFETY
AND ENVIRONMENTAL CONSULTANTS

CURRICULUM VITAE HAROLD GAZE

MANAGING MEMBER: HAROLD GAZE

DATE OF BIRTH: 30/09/1951

ADDRESS: 291 JB MARKS ROAD
GLENWOOD
DURBAN
4001

HOME LANGUAGE: English

QUALIFICATIONS: Matriculation Certificate - 1968
National Diploma for Health Inspectors - 1972
National Diploma in Tropical Hygiene - 1975
National Diploma in Public Health - 1979
Higher Diploma in Education - 1980
(Specialist Subject - Industrial Hygiene)
National Higher Diploma in Public Health - 1982
(Specialist Subjects - Physical Environment -
Environmental Hygiene)
National Certificate in Noise Control - 1988
National Certificate in Air Pollution - 1989
Certificate in Environmental Auditing - 1993 (International)
**BIOH Certificate of Operational Competence in Occupational
Hygiene - 1998 (This includes all aspects of occupational hygiene).**
INTERNATIONAL CERTIFICATION
BIOH Diploma in Occupational Hygiene
INTERNATIONAL CERTIFICATION

Professional Development Courses

I have attended numerous short courses these include courses
conducted by:

- * Iscor on evaluation and analysing dust, heat, noise, gases and ionising radiation
- * American Industrial Hygiene Association - Fundamentals of Industrial Ventilation, Noise Control, Air Monitoring, Risk Assessment
- * Technikon Natal - Certificate in Audiometry
- * HAZOP Course
- * NOSA Courses
- * NIOSH - Pesticide Exposure and Monitoring
- * University of Michigan - Hazard , Exposure and Health Risk Assessment (included Risk Assessments for Major Hazardous Installations)
- * Skin Exposure and Monitoring (NIOSH)
- * Biological Monitoring (NIOSH and BIOH)
- * Environmental Risk Assessment - University of Chicago
- * Occupational Health Risk Assessment
- * Legal Knowledge in Occupational Hygiene

Certification

Certified Safety Practitioner
Certified Professional Safety Practitioner
Certified Lead Assessor (OHSAP)
Certified Occupational Hygienist (SA)
Diploma Certified Occupational Hygienist (UK)
Certificate Certified - Occupational Competence UK)
SANAS Accredited MHI Risk Assessor - Toxic Flammable and Explosive Environment
DOL Accredited MHI Risk Assessor - Toxic Flammable and Explosive Environment

EXPERIENCE: Health Officer (Durban Corporation) - 9 years.
Senior Lecturer (Technikon Natal) - 13 years.
Lectured industrial /occupational hygiene to National and National Higher Diploma students for 13 years. Also national moderator for examination in these subjects. During this period developed the following Technikon course:

- Occupational Hygiene Hazard Recognition
- Occupational Hygiene Hazard Evaluation
- Occupational Hygiene Hazard Control

All those courses cover all aspects of occupational hygiene. Lectured at Technikon Pretoria - BIOH Core Modules on Occupational Hygiene. This is for Certification of Occupational Hygienists as competent in occupational hygiene and included all areas of occupational hygiene.

- Fundamental of Occupational Hygiene
- Risk Assessment
- Physical Stress
- Noise
- Ventilation
- Chemical Stress
 - Toxicology
 - Monitoring
- Ergonomics
- Asbestos

Since 1982 I have consulted to industry, commerce, local authorities, and to mines and works on all aspects of occupational hygiene, environmental issues and management, and safety. This includes Risk Assessments, Evaluation of risks and recommending controls for numerous problems.

1989 Left Technikon Natal to consult to industry. Formed Harold Gaze and Associates and was the managing director.

Presented numerous papers at seminars including talks on the recognition, evaluation and control of dust problems.

Voted Occupational Hygienist of the Year in 1987.

Also on the executive of Environmental Health Officers Association of S.A.,
Institute of Safety Management and NACA.

Chairman O.H.A.S.A (Natal Branch) until 1992.

- 1989 Established Harold Gaze and Associates.
- 1990 Obtained temporary Accreditation for Occupational Hygiene work by
Department of Labour.
- Delivered numerous talks, lectures to University of Natal - Community
Medicine Practitioners Environmental Health Offices and others. Including
the presentation of talks at International symposiums on various topics within
the fields of occupational hygiene.
- Approved by Department of Mineral and Energy Affairs for gravimetric
work (surface option).
- 1992 Established OCCUTECH cc. and am at present the Managing Director.
- 1992 Applied to SABS for Accreditation under SABS 0259. Obtained
accreditation. The Quality Assurance Manuals approved by SABS. The first
organisation to obtain accreditation under SASB 0259.
- 1992 Approved by Department of Labour as a PERMANENT APPROVED
INSPECTION AUTHORITY for all work in the field of occupational
hygiene and safety.
- 1992 - current Accredited MHI Risk Assessor - Department of Labour
- 1993 Elected member of Durban By-law Forum Committee, established to develop
local integrated environmental health and pollution management for the City
of Durban.
- 1993 - 2010 Vice-Chairman (KZN Branch) for Institute of Safety Management.
- 1993 - current Designed numerous Occupational, Safety and Environmental Programs for
industry.

The Programs include:

- Hearing Conservation
- Lead
- Mercury
- Skin Protection
- Respiratory Protection
- Asbestos Monitoring
- Local Exhaust Ventilation
- Local Exhaust Ventilation - maintenance program
- Safety Program complying with NOSA MBO elements. All elements

	covered.
	- Confined Space Entry
	- Environmental Management Program (all elements)
	- Environmental and Occupational Health Auditing Program.
2004 - current	Accredited MHI Risk Assessor - SANAS and Department of Labour SANAS Accredited Quality Assurance Manual - MHI Risk Assessment
2008 - current	Accredited - Safety Practitioner (ROSPRAC) and Professional Safety Practitioner (ROSPROF)
2008 - current	Lead Assessor ROSPRAC & ROSPROF (OHSAP)
2009 - current	Senior Examiner - Saiosh
2010 - current	Vice President of Saiosh and Director of Saiosh

MEMBERSHIP OF PROFESSIONAL ASSOCIATIONS

British Institute of Occupational Hygiene (Professional Member)
 International Association of Impact Assessors
 American Conference of Governmental Industrial Hygienists (Full Member)
 American Industrial Hygiene Association (Full Member)
 Environmental Health Officers Association of S.A.
 Institute of Safety Management (Fellow)
 Institute of Solid Waste Management (Member)
 National Association for Clean Air (Member)
 Southern African Institute of Occupational Hygiene (Member)
 South African Institute of Occupational Safety and Health (Full Member)
 Executive member of many of the Professional Associations and has served as Chairman, Secretary and PRO for the above organisations.
 Was an elected member to formulate the Institute of Occupational Hygiene.
 Currently:
 Vice Chairman Institute of Safety management
 Lead Assessor for OHSAP (KwaZulu Natal) ROSPRAC and ROSPROF (Safety)
 Senior Examiner SAIOH
 Institute of Occupational Hygiene (SAIOH) Education Committee
 Vice President of SAIOSH
 IOSH Member (UK)

EXPERIENCE IN OCCUPATIONAL HYGIENE, ENVIRONMENTAL ISSUES AND CONTROL OF RISKS

Lectured and trained students at Technikon Natal, Pretoria and Port Elizabeth on all aspects of OCCUPATIONAL HYGIENE including risk assessments. As well as environmental issues (EIA, Environmental Risk Assessments and Environmental Management, Environmental noise control and measurements). These students include the Occupational/Industrial Hygienists employed by industry and mines, Inspectorate of the Department of Labour, Health and Local Authorities, and included certification examinations in Occupational hygiene (British Institute of Occupational Hygiene). During this training the students performed the practicals

and evaluated problems with equipment and calculated the time-weighted exposure levels. The students were also required to determine sampling strategies, calibrate equipment, and field work. I had lectured and trained students at Technikon Natal since 1978 - 1990, and at the other Technikons until to date.

Apart from the above I have consulted to many organisations and evaluated a large number of occupational, environmental and safety problems. Occutech has evaluated and solved many problems for:

- industry and
- communities

As Director of Occutech I have researched, developed and designed measuring/sampling equipment and developed sampling strategies. In this regard I sat on the Department of Labour Technical Committee on sampling strategies. The purpose of this sub committee was to develop guidelines for occupational hygienists to perform the air monitoring correctly and provide reliable results.

I have developed numerous training courses to train persons to perform various aspects of Occupational Hygiene, environment and safety.

In 1990 - 02 I designed OCCUTECH Quality Assurance Manual for all aspects of occupational hygiene, was approved by Department of Labour and by SABS in 1993. This was the first quality system approved in South Africa for all environmental stresses. I later upgraded the Quality Assurance Manual to include Environmental Issues, Risk Assessments and Training.

In 2004 to current Occutech Quality Assurance Manual has been Accredited by SANAS and Department of Labour for Occupational Hygiene and Major Hazardous Installations.