CURRICULUM VITAE

PERSONAL DETAILS

Name : Laura Elizabeth Martin
Occupation : Consulting Forensic Scientist (Occupational Hygiene)

EXPERIENCE

In a professional career commencing in 2004, I have undertaken work as a Consulting Forensic Scientist and a Health, Safety & Environmental Consultant. I specialise and have extensive experience in the investigation of Industrial Disease, Safety and Environmental matters across a variety of settings and industries including manufacturing, engineering, public spaces, residential dwellings, healthcare, education, the emergency services, offices and retail. This involves the review of information supplied, site inspection, testing where appropriate and reporting of factual and interpretative outcomes. The process is undertaken after consideration of Regulations, HSE Technical Notes & Guidance Documents, Methods for the Determination of Hazardous Substances and other best practice scientific techniques. I am aware that the extent of guidance, regulation and standards have evolved over the years and have developed skills in evaluating information in historical contexts.

Reports have been used for legal proceedings by solicitors and insurance companies, in cases of enforcement action by the Health & Safety Executive, Local Authority Enforcement (Environmental Health Officers), trade union disputes and involvement with the Environment Agency. I have previously been instructed by the Claimant or Defendant but primarily as a single joint expert.

I have been involved in the investigation of a wide range of subject areas including:

Asbestos Diseases & Exposure and contamination as airborne fibre, in buildings, plant & machinery and in bulk materials including soils. I address cases involving heavy industry, shipping, skilled trades and secondary exposure including domestic settings;

Occupational Noise Exposure in a wide variety of industries including heavy and light engineering, plastics processing, aerospace & automotive engineering, waste management & recycling activities, food manufacturing, construction/demolition & skilled trades, grounds keeping and public services;

Occupational Health involving airborne and contact chemical exposure resulting in respiratory, dermal and neurological complaints. Typical substances of concern include dusts & particulate matter, metal fumes, welding fumes, ozone, crystalline silica, volatile & semi-volatile organic compounds, isocyanates, combustion & exhaust products, lead and acids;

Occupational Health involving physical factors such as thermal comfort, air flow, humidity, odours etc;

Microbiological factors including moulds, fungi and bacteria, especially *Aspergillus spp.*;

Water Quality and Source Identification for personal injury, health (including Legionellosis) and civil engineering/property damage cases;

Land Contamination by fugitive emissions and historical industrial uses;

Radon testing & evaluation.

Reporting has included analysis of possible sources of contamination and recommendations for preventative or remedial work when required.

ACADEMIC QUALIFICATIONS

University of Portsmouth
Bachelors Degree in Marine Environmental Science (2.1 Hons), 2003
Syllabus - aspects of both marine and terrestrial environmental science, options included environmental chemistry, microbiology, radiation, scientific analytical and fieldwork techniques.

Moulsham High School, Chelmsford, Essex
3 A-levels including Chemistry and Physics, 10 GCSEs grade A-C, 2000

PROFESSIONAL QUALIFICATIONS & MEMBERSHIPS

Licentiate Member of the Faculty of Asbestos Assessment & Management - British Occupational Hygiene Society
Associate Member of the Faculty of Occupational Hygiene - British Occupational Hygiene Society
BOHS Certificate of Competence in Asbestos
BOHS S301 Asbestos and Other Fibres
RSPH Level 3 Certificate in Asbestos Inspection Procedures -Distinction
BOHS P403 Asbestos Fibre Counting
BOHS P404 Air Sampling and Clearance Testing for Asbestos
IOSH Noise at Work; Risk Assessment & Management
IOSH Legionella Management
City & Guilds Level 3 in Education & Training
IEMA/IRCA EMS 14001 Auditor/Lead Auditor
LQM Introduction to Contaminated Land Management

EMPLOYMENT

April 2017-Present	Consulting Forensic Scientist (Occupational Hygiene) Strange Strange & Gardner
November 2004-April 2017	Safety, Health & Environment Technical Manager/ Consultant Bradley Environmental Consultants Ltd