

Joe Darwin

MChem

Occupational Hygienist

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SUMMARY OF EXPERIENCE

I carry out evaluations of occupational health risks, including monitoring of air for dust/fume content, noise, vibration, ventilation/extraction and other factors. I am experienced as an Analytical Chemist in the interpretation of laboratory results and other measurements, in particular concentration calculations and comparisons to workplace exposure limits. My industrial experience includes steelmaking, manufacturing and food and drink.

ACADEMIC QUALIFICATIONS

University of Sheffield Master of Chemistry with Study in Industry

PROFESSIONAL QUALIFICATIONS

- IOSH Managing Safely

EMPLOYMENT HISTORY

2024 – Present Pragma and Associates Ltd

Occupational Hygienist

Deliver Occupational Hygiene consultancy services and provide ongoing support to a range of clients including the assessment and evaluation of health hazards and risks in the workplace. Monitoring to determine potential exposures to health hazards, assessment of control measures and providing recommendations for the management of health hazards to ensure ongoing compliance with both internal policies and external regulatory requirements.

2022 – 2024 Element Materials Technology Analytical Services Limited

Gas Chromatography Team Leader

Lead the Gas Chromatography-Mass Spectrometry (GC-MS) team, overseeing analysis of both quantitative high-throughput samples from Electronic Nicotine Delivery Systems (ENDS) and qualitative screening samples from Extractables & Leachables (E&L) studies of Medical Devices.

2020 – 2022 Hall Analytical Laboratories Limited

Senior Scientist

Responsible for the GC-MS analysis, data processing and reporting of Extractables and Leachables studies. Provided technical leadership, support, training and development to the GC-MS Team

2015 – 2020 Hall Analytical Laboratories Limited

Analyst

Responsible for sample preparation, analysis by GC-MS, data processing and reporting of data for a variety of routine and non-routine samples from a variety of sectors including Environmental, Manufacturing & Pharmaceutical.

2013 – 2015 Weetabix Food Company

Chemical Analyst

Provided analytical support to the Product Development Teams, Manufacturing Units and Quality & Compliance Department, to ensure food safety, legality and quality. Tracked and disseminated key scientific, technical and regulatory developments for a range of important chemical analytes.

2013 – 2013 Johnson Matthey Emissions Control Technologies

Laboratory Technician

Quality control testing of raw materials, in-process slurries and finished catalysts.

2012 – 2013 Tata Steel Europe

Research Assistant

Assessed and monitored air quality surrounding UK integrated steelworks. Conducted compliance testing on wastewater and effluent samples.

2010 – 2011 Tata Steel Europe

Placement Student

Sample preparation and analysis of environmental and steelmaking materials.