

**ALAN GALLACHER**  
CONVERGENCE PRINCIPAL – UNITED KINGDOM COUNTRY EXPERT  
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**Experience Summary**

Alan Gallacher has almost 25 years experience in project managing and undertaking a wide range of environmental and health & safety (EHS) consultancy projects throughout the UK and internationally.

Mr. Gallacher is the co-owner and Managing Director of *convergence consulting*, a niche EHS consulting firm with offices in the USA and UK. Mr. Gallacher is located in the UK.

Mr. Gallacher's consultancy experience has included the design and implementation of environmental, health & safety management systems, undertaking compliance audits and business environmental reviews, undertaking H&S risk assessments, performing waste minimization studies and designing and presenting EHS training courses.

Mr. Gallacher has undertaken numerous EHS compliance and system audits for multinational companies such as; Eli Lilly, Merck/Schering-Plough, Actavis, Rhodia, Pfizer, Chevron-Phillips, ITT, Applied Materials, Apple, Microsoft, NCR, Motorola, Bombardier, Shell, BP, Hess, Halliburton, British Gas/Agip/Lukoil, ADCO, Royal Navy, British Army, and the IFC/World Bank. He has audited many industry sectors including; engineering companies, oil and gas operatives, government defence establishments, electronics firms, chemical/pharmaceutical companies, automotive manufacturers and many other business types. As well as environmental management systems, Mr. Gallacher has also developed Health & Safety management systems and integrated Health, Safety, Environmental and Quality management systems.

As well as working throughout Europe and the USA, Mr. Gallacher has worked in Africa (Nigeria, Angola), Kazakhstan, Brazil, the Balkans and Abu Dhabi.

Prior to his career in consultancy, Mr. Gallacher was employed for six years in the pharmaceutical industry where he primarily undertook research and development projects and provided support for registration submissions.

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### **Certifications, Affiliations and Academics**

- ◆ Master in Business Administration; Dissertation Topic - Environmental Auditing
- ◆ Associate Member Institute of Environmental Management and Assessment (IEMA)
- ◆ Associate Environmental Auditor (EARA/IEMA)
- ◆ Examiner for IEMA and former Chairman of IEMA Central Scotland Region
- ◆ BSc (Hons.) Chemistry

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### **Summary of Recent Projects**

- ◆ Lead and delivered the environmental component for HSE compliance audits at 25 Bombardier Transportation locations in the UK over the past 10 years (2005-2015). The facilities are heavy and light engineering depots manufacturing and servicing trains and the audits assessed the operations against UK regulations and Corporate HSE policy.
- ◆ Delivering targeted Environmental Management workshop to senior management of Ports America in New Jersey, USA; 2014-2015.
- ◆ Project managing the delivery of EHS support in a dozen countries worldwide to Illumina Inc., a hi-tech provider of medical/DNA analysis equipment (2011-2015).
- ◆ Member of 4 person Corporate EHS audit team assessing legal compliance and management system performance at the ITT Defence facility in Brighton. Team members from the US and UK audited the facility over a 5 day period in 2011.
- ◆ EHS audit of pharmaceutical manufacturing operations in Southern Ireland (5 day) and large R&D facility near London (5 day) in (2010, (Eli Lilly). Member of large audit team, Alan assessing EHS management system against corporate standards.
- ◆ Project management of 15 international audits in four countries for Bombardier Recreational Products (2007-2015) and Bombardier Aerospace (Northern Ireland - 2009).
- ◆ Environmental audit (4 day) of R&D and pilot plant manufacturing facility of a Merck pharmaceutical plant near London (2009) and also audit (5 day) of small chemicals manufacturing plant in North of England (2010). Audit scope was EHS legal compliance; pre-audit preparation including development of legislative audit protocol/checklist.
- ◆ EHS audit (5 day) of pharmaceutical manufacturing operations in Strasbourg, France (Eli Lilly). Alan was member of five person team made up of corporate and consultant auditors, and Alan assessed the integrated EHS management system against corporate management standards.
- ◆ Nine day, in-country audit of Karachaganak oil and gas field in Kazakhstan on behalf of Lukoil (Moscow) to meet EHS and Social requirements for the IFC (part of the World Bank). Alan acted as Lead Auditor for this audit of one of the largest gas/oil fields in the world and led a team made up of IFC, Lukoil and consultant auditors. Audited for 5 consecutive years (2002 to 2007).
- ◆ Development of HSE Management Systems (compliant to in-house H&S protocols and to ISO 14001) in Nigeria for Shell (SPDC). Project involved working in Lagos, Port Harcourt and Warri. Program included in-country assistance for 6 weeks offering advice to a number of business units in their preparation for ISO 14001 implementation. In addition, a number

of environmental and health & safety audits were also undertaken. Alan subsequently managed 4 consultants (for over 4 years) who operated in Nigeria providing EMS and H&S services to SPDC.

- ◆ ISO 14001 gap analysis for BP Angola. Involving site visit to Luanda to assess the offshore oil exploration activities in Angola. We subsequently worked with BP to develop and implement ISO 14001 to cover the Angolan operations. Certification was achieved within 8 months of our initiation of the project.
- ◆ Development of EMS documentation for the HS&E management system for Shell Brazil. The work was undertaken in Rio de Janeiro, Brazil in preparation for the certification of the management system to ISO 14001.
- ◆ Preparation of Philosophy and Policy for ground and groundwater protection on behalf of the largest oil storage tank farm in Abu Dhabi.
- ◆ Development of a Waste Strategy/Masterplan for Shell Nigeria (SPDC). The 6 month project involved visiting waste management facilities in the Niger Delta and working and co-managing a team consisting of local and international waste management experts.
- ◆ Presented (over 20 times) a three day IEMA Registered ISO 14001 Environmental Internal Auditing training course to a range of UK and overseas oil and gas sector delegates
- ◆ Project manager for the preparation and delivery of documents summarising the H&S legislative requirements in over 30 countries for Microsoft Corporation. The summaries are prepared (in dual language) by local consultant partners and focus on the liabilities associated with offices.
- ◆ Design and delivery of HSE Management System training for Corporate level management of US multinational pharmaceutical firm. Training delivered on two occasions in 2007 at the company's headquarters in the USA.
- ◆ EHS audit (5 day) of Eli Lilly pharmaceutical manufacturing operations in Basingstoke, England . Alan delivered the management system assessment for two separate operational units on site.
- ◆ EHS audit (5 day) of pharmaceutical manufacturing operations in Liverpool, England. Alan was member of 7 person team made up of Corporate and consultant auditors, and Alan assessed the integrated EHS management system against corporate standard and ISO 14001 and OHSAS 18001.
- ◆ Development of a Waste Strategy/Masterplan for Shell Nigeria (SPDC). The 6 month project involved visiting waste management facilities in the Niger Delta and working and co-managing a team consisting of local and international waste management experts.
- ◆ EHS audit (5 day) of large pharmaceutical R&D facility for Eli Lilly in southern England. Member of a 5 person Corporate audit team, Alan concentrated on assessing the integrated EHS management system against corporate standards.
- ◆ EHS audit of pharmaceutical facility (Schering-Plough) near London, England. Three day audit to meet compliance to legislation, corporate standards & management systems.
- ◆ Ongoing provider of Audit Training certified by the Institute of Environmental Management and Assessment (IEMA). In past 10 years presented over 50 auditing training courses

(three day duration) to wide selection of delegates but in particular to the oil and gas and defence sector.

- ◆ Audit of two Schering-Plough pharmaceutical facilities in southern England. Over the 8 day audit, both sites were assessed for compliance with EHS legislation, corporate standards and corporate management system requirements.
- ◆ Audit of Eli Lilly pharmaceutical manufacturing facility in Southern Ireland. The 5 day audit assessed legal compliance and management system performance. Alan conducted the management system component of the audit.
- ◆ Undertaking 5 day Health Safety and Environment Compliance Audit at large electronics firm (Applied Materials) in Southern England.
- ◆ Five day EHS Management System audit of large pharmaceutical site in Basingstoke England (Eli Lilly) to meet US corporate requirements. Working within the multinational audit team to identify weaknesses, strengths and opportunities for improvement
- ◆ Development of the H&S Management System including preparing the manual and procedures for the senior operation's level within the UK Royal Navy.
- ◆ Developed a pilot Integrated Management System Standard for the Royal Navy facility HMNB Clyde to encompass the requirements of Health & Safety (HSG(65) & BS 8800), Environment (ISO 14001), Quality (ISO 90001) and Base Nuclear Authorisation Conditions.
- ◆ Project Director of comprehensive PPC Permit Applications for 3 chipboard and chemical resin manufacturing sites in Northern England and Scotland. The applications were successfully prepared under extremely tight deadlines. Alan led the development of the management system components of the applications. PPC Applications also prepared for smaller chemical, printing, harbour, food production and textiles companies.
- ◆ Design and provision of year long corporate environmental training program for a major Scotch Whisky Company, including undertaking numerous environmental audits.
- ◆ Project manager for COSHH, Duty of Care and Waste Management audits for a major US computer manufacturer (Sun Systems) in central Scotland.
- ◆ Membership, for over 3 years, on the UK Government sponsored Envirowise Panel to offer compliance and assorted environmental advice and to undertake 'Fast Track' waste minimization and performance improvement audits for companies throughout the UK.
- ◆ Project Direction for over 6 years of a successful and developing waste minimization and business efficiency program targeting SMEs throughout South of Scotland. Client being the Local Enterprise Agencies. Generally assisting ~100 companies per year with audit/reviews, training, system development, waste reduction and legal compliance
- ◆ Project direction of a program for the Scottish Prison Service (SPS) to undertake preliminary environmental audits/ reviews of all prison facilities in Scotland. In total 18 detailed reviews were undertaken identifying legal compliance issues, opportunities for improving environmental performance and identifying cost saving opportunities
- ◆ Assisting various organizations develop Environmental Management Systems that would meet the requirements of ISO 14001. Organizations have included: Baker Hughes Inteq, Reading & Bates, NCR, Hughes Microelectronics, Motorola, Chancelot Mill, Royal Navy,

ABB Power, Wyman Gordon, Thule Automotive.

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### **Professional History**

- ◆ 2005 to present Director/Principal, UK Office *convergence consulting* LLC, UK
- ◆ 2000 to 2005 Regional Director, BMT Cordah Limited, Environmental Consultants, UK
- ◆ 1993 to 2000 Principal Consultant, Ian Walls Associates, Environmental Consultants
- ◆ 1991 to 1993 EMS Consultancy Service Co-ordinator, Gibb Environmental, Scotland
- ◆ 1990 to 1991 Recycling Manager, Wise Group Recycling, Scotland
- ◆ 1987 to 1989 Development Pharmaceutical Chemist, Controlled Therapeutics, Scotland
- ◆ 1983 to 1987 Research Pharmaceutical Chemist, Eli Lilly Research Centre, England

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