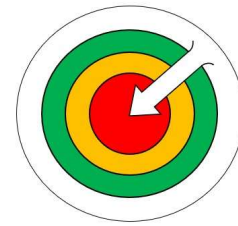


**Active Ventilation & High Hazard Containment
Engineering Consultant.**

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ingenium | technical



- UK Vetting Security Clearance Level – SC
- National Nuclear Ventilation Forum (NNVF) – Founding Member.
- British Standards Institution (BSI) – Member of Working Groups for MCE/21.
- International Standards Organisation (ISO) – Member of Technical Committee ISO/TC 142 & Joint Working Groups JWG 3, 4, 10 & 14.
- European Committee for Standardisation CEN /TC 195 – Member of Working Group WG2.

Chris has over 25 years nuclear HVAC engineering specialising in the containment of radioactive contamination and has provided consultancy to many of the UK's nuclear and international companies.

Chris has worked in diverse nuclear fields, UK new build projects, safety, decommissioning, waste management, government & defence and has an expert knowledge of UK nuclear standards, codes of practice, guidance documentation, assurance & legislation as well as international decommissioning and reactor facility standards.

Chris has spent considerable time on clean-room design and associated HVAC engineering services within the Pharmaceutical & Biotechnology industry and has worked on some of the world's largest Biotech projects.

Chris has provided consultancy to dangerous pathogenic & animal husbandry facilities, CAMR/ HPA at Porton Down and has an in-depth knowledge of ACDP (Dangerous Pathogens) and pharmaceutical guidance & legislative documentation.



During his career Chris has worked on prominent nuclear licensed sites, defence establishments and international decommissioning projects - AWE, EDF, Porton Down, Magnox (NRS), Sellafield, UKAEA, Hitachi, Mitsubishi & Western Europe, Ignalina Nuclear Power Plant.

Chris was the principal UK HVAC consultant supporting Hitachi-GE-Nuclear new build programme through GDA (Generic Design Assessment) Steps 2, 3 & 4 for the UK-ABWR reactor at Wylfa.

As part of the Fusion programme, Chris provides consultancy to the United Kingdom Atomic Energy Authority (UKAEA) for special projects supporting commercial fusion energy production and containment of experiments for Tritium production part of the fuel lifecycle.

Chris sits on the National Nuclear Ventilation Forum (NNVF), a UK wide technical expert committee responsible for the improvement and issue of UK nuclear standards, guidance documentation and codes of practice. This committee is represented by experts from all UK nuclear licenced sites as well as key industry consultancies and regulatory authorities, the Office of Nuclear Regulation and Environment Agency.

Chris sits on national and international committees responsible for improvement, implementation and governance of national and international standards, the British Standard Institution (BSI) committee MCE/21, International Standards Organisation (ISO), Committee TC/142 and European Standards Organisation CEN /TC 195.

Chris is an internationally recognised expert and considered as one of the UK's leading nuclear specialists and technical experts within his field of expertise.
