

STEPHEN MCCANN

FRSA F10L FIIRSM FIDE FAMI CM10SH

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KEY PROFESSIONAL SKILLS

- Technical and project management consultant
- Extensive knowledge of relevant statutes and regulations
- Training material development and design
- Superlative presentation skills
- CDM Principal Designer/Adviser
- Chartered Safety Practitioner
- [OSHCR](#) registered consultant
- Outstanding analytical, diagnostic and problem-solving skills
- Excellent written & verbal communication
- Adaptable & flexible thinker

Key Contracts and Experience Timeline:

PERSES Ltd - Role: Health, Safety and Environmental Consultant

Providing occupational health and safety advice, and environmental advice to a broad spectrum of clients, ranging from silversmiths to scrap metal merchants, from demolition works to cater hire, from waste transfer stations to painting and decorators.

Oval Village, London: Phase-1 – Demolition consultant and CDM principal designer

I worked for the Client St Edward (Berkeley Homes) on the demolition of the former Tesco superstore and surrounding structures.

This project involves the demolition of a former Tesco Superstore and Axis building, the removal of associated hard standings, and the design and installation of a piling mat.

The structural makeups are as follows: Tesco building on Kennington Lane: the structure consists of a steel frame externally clad with insulation composite panels with a large atrium made of a steel cantilever. Axis building on Vauxhall Street: the structural makeup was a concrete framed, brick-clad building.

The demolition techniques were a mixture of piecemeal method, hot-work preparation and progressive fragmentation using a demolition rig from a safe working distance, clearing and processing the arising demolition materials; reduce level dig, and removing the site to a clean and level finish.

Kingston Royal Exchange – Demolition consultant and CDM principal designer

I worked as the Client St George (Berkeley Homes) on the demolition of the former Connexions Centre building and surrounding structures.

This project involved the demolition of the concrete built former Connexions Centre Kingston building named Brook House on 23 Brook Street, and the concrete framed, brick-clad structures called: Argyll House on Brook Street, and Frances House on Wheatfield Way using a mixture of piecemeal method hand demolition and progressive fragmentation using a high-reach demolition rig from a safe working distance, clearing and processing the arising waste materials; reduce level dig and clearing the site to a clean and level finish.

Liverpool Echo Arena Fire - Demolition consultant

Working for the Demolition contractor Howard Stott Demolition and the Client Wilmott Dixon on the demolition of the heavily fire damaged Echo Arena Carpark

Echo Arena car park was a post-fire contract. The fire destroyed the integrity of the car park itself as well as more than 1,000 vehicles. The hotel surrounds the structure, which was also damaged by the fire, which added to this project's complexity.

Howard Stott Demolition carried out all the works that involved progressive defragmentation by high-reach, removing the vehicles and process of the demolition arisings.

The works included putting together a demolition report for the client and Mayor office, attend prestart liaison meetings and visit report audits.

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St James' Centre Demolition - Consultant

I was working for the Demolition contractors Dem-master and DSM on the demolition of the former St James' Centre. This project involved the safe removal of all internal fixtures and fittings, the removal of Asbestos Containing Materials and the safe demolition of the former St. James' Shopping Centre, adjoining car parks and the former King James Hotel using a mixture of piecemeal method and progressive fragmentation using a super-high-reach demolition rig from a safe working distance.

The buildings; King James Hotel was approximately 94-meters long x 12-meters wide; St. James Shopping Mall was approximately 4,000-square meters in the area; The Scottish Offices were approximately 300-meters long x 10-meters wide (combined), and the Car Parks were around 81-meters long x 14-meters wide (combined).

The buildings were predominately constructed of concrete panels outer walls with a mixture of concrete block/brick inner walls and some timber stud and plasterboard inner walls and reinforced concrete flooring.

This project involved a full range of demolition techniques and processes ranging from super-high reach demolition to deconstruction using remote-controlled brock in conjunction with a tower crane.

The works included checking RAMS, monthly site audits and visit reports, and attending monthly CDM meetings.

Norfolk Court, Glasgow - Safety consultant and CDM principal designer.

I worked for the demolition contractor Dem-Master on the intricate demolition of two reinforced concrete, multi-storey high-rise residential structures by explosives.

The works included checking RAMS, monthly site audits and visit reports, and attending monthly CDM meetings.

Kennishead Avenue, Glasgow - Safety Consultant.

I worked for the client Glasgow Housing Association on the demolition of two reinforced concrete, multi-storey high-rise residential structures via top-down piecemeal utilising MCWPs as edge protection super-high reach combined method.

The works included checking RAMS, weekly site audits and visit reports, and attending monthly CDM meetings.

Whitevale Road, Glasgow - Safety consultant and CDM principal designer.

I worked for the client Glasgow Housing Association on the demolition of two reinforced concrete, multi-storey high-rise residential structures, using a bespoke top-mounted specialist demolition platform.

The works included checking RAMS, periodic site inspections and attending monthly CDM meetings.

Falkirk Road, Linlithgow - Demolition Engineer.

The contract involved the decommissioning and demolishing a former fuel filling station at the corner plot at Mains Road and Falkirk Road, Linlithgow, the main route to Linlithgow Palace.

The works were the physical demolition work with Forth Demolition Ltd and included; writing RAMS, managing the overall contract, carrying out weekly site audits and visit reports, meeting and liaison with SEPA due to groundwater issues, and attending monthly CDM progress meetings.

West Bowling Green Street, Edinburgh - Demolition Engineer.

A large and complex demolition contract involving 3- large buildings making up most of West Bowling Green Street in Leith owned by J Smart & Co (Contractors) Plc.

The works were the physical demolition contractor works with Forth Demolition Ltd and included standard, conventional remote mechanical demolition work of Phase -1.

The demolition method selected for Phase-2 was pre-weakening and deliberate collapse as the steelwork had still asbestos cement sheeting attached following a partial hand demolition work.

Phase-3 was a full hand demolition.

Other challenges came from the river, the Water of Leith running around the site perimeters. The underground fuel tanks sat next to, decommissioning underground fuel and oil tanks and the archaeological works that followed the demolition.

The underground fuel tanks were decanted and lifted out of the ground before degassing and in line with APEA guidance

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QUALIFICATION LIST

DEMOLITION QUALIFICATIONS

- Fellow of the Institute of Demolition Engineers (IDE);
- Member of the IDE Council of Management since 2021;
- National Vocational Qualification (NVQ) Level-7 diploma in construction management;
- National Vocational Qualification (NVQ) Level-6 diploma in construction management - demolition;
- National Demolition Training Group (NDTG) demolition manager certificate;
- Autostem Shotfirer; and
- MPQC Explosives Shotfirer Certificate.

ASBESTOS QUALIFICATIONS

- Fellow of the Asbestos Removal Management Institute (AMI);
- Royal Society of Public Health (RSPH) Level-4 Certificate in Asbestos Removal for Contract Managers;
- Asbestos Removal Contractors Association (ARCA) Certificate in Plan of Works; and
- Local Authority Contaminated Land Network (LACL) Asbestos in soils.

MANAGEMENT QUALIFICATIONS

- Fellow of the Institute of Leadership and Management (IoL); and
- Site Management Safety Training Scheme (SMSTS).

HEALTH AND SAFETY QUALIFICATIONS

- Occupational Safety and Health Consultants Register (OSHCR) registered consultant;
- Chartered Member of the Institution of Occupational Safety and Health (IOSH);
- Fellow of the International Institute of Risk and Safety Management (IIRSM); and
- NVQ Level-5 Diploma in Occupational Health and Safety.

ENVIRONMENTAL QUALIFICATIONS

- Institute of Environmental Management and Assessment (IEMA) foundation certificate.

TRAINING AND ASSESSING QUALIFICATIONS

- NVQ (and SVQ) qualified A1 assessor;
- NVQ Level-3 Award in Assessing Competence in the Work Environment;
- City and Guilds teaching certificate: Preparing to Teach in the Lifelong Learning Sector;
- NVQ level-3 certificate in Learning & Development; and
- Prevent training for Practitioners.

TEMPORARY WORKS

- Temporary Works Coordinator; and
- Temporary Works Design (above and below ground) via the Institute of Civil Engineers (ICE).

OTHER

Lead specialist lecturer for the [Foundation Degree in Demolition Management](#) and the [Master's Degree in Demolition Management](#) with the University of Wolverhampton.

As specialist consultants, we, as PERSES, have produced technical papers published by the Institute of Demolition Engineers on:

- (i) [The Demolition Process](#);
- (ii) [Demolition of Tower Blocks](#);
- (iii) [A Systematic Approach for the Removal of Underground Storage Tanks](#); and
- (iv) [A Strategy for Disaster Management in the Built Environment](#).

As a specialist consultant, I have had the privilege to be part of the team authoring industry guidance notes for the National Federation of Demolition Contractors on:

- (v) [Construction \(Design and Management\) Regulation 2015](#);
- (vi) [Crisis Management](#);
- (vii) [Temporary Works - Hoardings](#);
- (viii) [Demolition and Refurbishment: Resource Protocol](#);
- (ix) [Deconstruction of Tower Blocks by Piecemeal](#);
- (x) [Exclusion zones](#);
- (xi) [Demolition Screening](#);
- (xii) [The Safe Use of Demolition Grabs](#) (out for consultation); and
- (xiii) [Asbestos fibres in soils and made ground](#) (out for consultation).

I have authored/co-authored many National Demolition Training Group courses, including Demolition Manager. Winner (joint) of the World Demolition Award 2015 Collaboration Award (for my work while sub-contracted to C&D Consultancy).