



HALLIWELL

DENVER GILL

RESEARCHER

LONDON, UK

denver.gill@halliwellglobal.com

+44 7425 763198 | Mobile

+1 877 411 2177 | Office

halliwellglobal.com

BIOGRAPHY

Denver is a dedicated fire engineer with over 5 years of experience delivering fire safety solutions across a diverse range of sectors. His project portfolio spans medical facilities, transport infrastructure, industrial and storage facilities, residential developments (both high and low-rise), custodial premises, educational institutions, and community buildings.

With a strong academic foundation, Denver holds a Bachelor of Engineering (Hons) in Fire Safety Engineering from Letterkenny Institute of Technology and a Master of Science (MSc) in Fire Safety Engineering from Ulster University. Committed to professional excellence, he has achieved Interim Chartership status with the Institute of Fire Engineers, reflecting his dedication to maintaining the highest standards in fire engineering practice.

Denver's technical expertise encompasses fire strategy development, development/application of performance-based design and fire risk assessments of external walls. His experience includes developing comprehensive fire engineering analysis such as Available Safe Egress Time versus Required Safe Egress time and 1st order Hydraulic calculations for occupant evacuation.

Throughout his career, Denver has collaborated with multidisciplinary teams on intricate projects, developing a deep understanding of the practical and regulatory challenges facing the built environment such as the Building Safety Act 2022. His approach combines technical rigour with practical problem-solving, ensuring that fire safety solutions are both compliant and achievable.

QUALIFICATIONS

Ulster University, Jordanstown, Northern Ireland — MSc Fire Safety Engineering SEP 19 - NOV 20

L.Y.I.T, Letterkenny, Co. Donegal, Ireland— Bachelor of Engineering (Honours) in Fire Safety Engineering - SEP 15 - JUN 19

EXPERT WITNESS EXPERIENCE

Since joining Halliwell Fire Research in 2025, Denver has been actively involved in preparing documentation to support expert witness leads through proceedings in the United Kingdom. His work has covered a broad spectrum of areas, including:

- External wall systems comprising construction defects and combustible materials
- Existing fire stopping defects versus tested details
- Forensic interpretation of evidence

HALLIWELL

DENVER GILL

RESEARCHER

- Large scale test witnessing
- On-site investigations

Denver's responsibilities include conducting desktop reviews, information management/analysis, site inspections and developing fire test witnessing reports

CONSULTANCY BACKGROUND

Denver has worked for over 5 years in the construction sector within the Republic of Ireland and United Kingdom as an advisory consultant. Denver has operated at engineer, senior and principal level fire engineering roles in a leading capacity. Duties within these roles included:

- Preparation, review and issue of fire strategy reports, technical mark-ups and technical notes across a diverse range of project types including prisons, airports, schools, colleges, multi-storey car parks and hotels.
- Preparation, review and issue of EWS1 and FRAEW assessments
- Preparation, review and issue of Gateway 1 Statements, and management of the Gateway 2 process for external wall remediation, retrospective fire strategies and new build schemes.
- Stakeholder engagement with clients, architects, contractors, approved inspectors, building control bodies, the Ministry of Justice, local fire authorities and the Building Safety Regulator across a range of project types.
- Site inspections to verify compliance with fire safety requirements across varying project types and design stages.
- Project management responsibilities including forecasting, programme planning, staff utilisation and progress monitoring.
- Mentorship and management of junior team members, supporting technical development and day-to-day workload management.
- Application of performance-based fire engineering methodologies including ASET versus RSET analysis, travelling fire, parametric fire modelling and 1st Order Hydraulic Calculations.
- Material and specification research to inform design solutions.
- Preparation and issue of London Plan Fire Statements.

WORK HISTORY

OCT 2025 – Present | Halliwell Fire Research | Researcher/Principal Fire Engineer

AUG 2022 – October 2025 | Hydrock, now Stantec | Engineer/Senior/Principal Level Engineer

AUG 2020 – AUG 2022 | Joule Group | Graduate Fire Safety Engineer

OCT 2018 – JAN 2018 | Profire & Design | Graduate Fire Safety Engineer