

## Sector Experience

### Historic Buildings

#### Objectives >

>Recognise the existing and heritage aspects of the design and meet Building Regulation requirements. This may include solutions which are considered as improvement to the existing provision. There may be no requirement to provide standards commensurate with new building design.

>Minimise the impact of required fire safety systems on the appearance and use of the building.

#### Our Service >

##### Performance based Fire Engineering

>Planning of means of escape including emergency exits and exit width.

>Specification of active and passive fire safety systems including detection & alarm, suppression and structural fire protection as and where required.

>Identification of managerial requirements to be adopted as part of the daily operation of the building.

##### Compliance with relevant code & guidance

>Where fire engineering is not required a code compliant solution is adopted. The detail needed can be extensive. Our fire strategy conveys all key requirements and specifications.



> Carton House Hotel



> St. Patrick's Cathedral,  
Dublin

##### Fire Strategy Drawings, Fire Legislation Applications and Construction Stage Services

#### Projects >

##### Carton House Hotel, Co. Kildare.

With a history spanning more than eight centuries, fire safety engineering formed an integral part of the redevelopment.

##### St. Patrick's Cathedral, Dublin

MSA worked closely with the design team and Authorities to develop a fire strategy that took into account the historical significance of the fabric.

##### Radisson Hotel, Farnham Estate

The development included the new build hotel, conference centre ensuring they interface with the existing Farnham House building. MSA developed a sensitive fire upgrade of the existing Farnham House which was tantamount to the success of the project for the Radisson Group.

**Other Projects** Ulster Hall Belfast, Castle Leslie Monaghan, Glin Castle, Baronscourt House Omagh, Whitehouse Whiteabbey Belfast, Old Schoolhouse Ballymena, City Hall Belfast, Bunnratty Castle, Killeen Castle.

#### >Dublin Office

19 Windsor Place,  
Lower Pembroke Street,  
Dublin 2

Tel: +353 (1)6765713  
Fax: +353 (1)6785247  
Email: dublin@msa.ie

#### >Belfast Office

Scottish Mutual Building,  
Donegall Square South,  
Belfast BT1 5IG

Tel: +44(0)2890312077  
Fax: +44(0)2890312077  
Email: belfast@msa.ie

#### >Leeds Office

Calls Wharf,  
2 The Calls,  
Leeds LS2 7JU

Tel: +44 (0)113 237 2838  
Fax: +44 (0)113 237 2701  
Email: leeds@msa.ie



ACEI  
Association of Consulting  
Engineers of Ireland