



**TIERNAN**  
Engineering Ltd.

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## About Us

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Our Company was established in 1994. Since then we have grown from strength to strength, gaining a vast amount of expertise within the construction industry. Our primary objectives are to offer quality, value and safety to industry standards throughout all our clients projects.

This level of quality, value, and safety is achieved by offering good advice, encouragement, quality workmanship, attention to detail and most importantly a high level of safety to achieve the most economically advantageous solution to our clients. Our commitment to this business philosophy has given us the strength to grow.

Our varied client portfolio demonstrates the trust and expertise we possess, thus giving new clients the confidence, knowledge and assurance in us to complete all projects to a high quality standard on time and within budget.

With over 20 years experience in the industry we have gained the competence and professionalism within our industry through the varied nature of projects completed to date.

At Tiernan Engineering we believe in the continuous professional development of our personnel and feel this investment delivers a higher standard for our clients.

## Our Services Include...

- HV, MV, LV, ELV Switchgear
- Transformers
- Wind turbines
- Cable Transits
- Data systems
- LED Addressable emergency lighting systems
- Fibre optic installation
- CCTV Systems
- Intruder Alarm Systems
- Access Control
- Aviation Instrument Landing Systems
- Public Lighting Projects
- Fire Alarm Systems
- PAT Testing
- Building Information Modelling
- Heat Trace Systems
- Stand By Generators
- Atex Component installation (CEAG)
- Nurse call Systems
- Aspiration systems
- Cable Transits
- Solar Systems
- Mechanical Supplies
- Telecoms Installation
- High Tension Cabling
- Disabled Refuge systems
- Lightning Protection
- Distance Measuring Equipment
- Medical Bed Head Trunking

## What we do...

- Maintenance Contracts
- Retail Fit Out
- Clean Room Environments
- High security Work Ares
- Stand By Generator Installation
- Oil and Gas Terminal Works
- Hotel Fit out
- Leisure Centre / Swimming Pool fit out
- Transformer installation
- Road way Installation
- Waste Water treatment plants
- Acute Hospital Works
- Aerodrome fit out
- Garda Stations
- Underground cabling
- Confined spaces installations





# Restoration Project...

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## Ashford Castle Hotel:

Cong, Co. Mayo.

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The magnificent flagship five star Ashford Castle hotel is set in 350 acres, on the picturesque shores of Lough Corrib. Dating back to 1228, the castle now enters a new chapter in its history, as part of The Red Carnation Hotel Collection.



The project involved a full renovation of all bedrooms and the provision of a new cinema and billiard room with removal of existing services and a complete installation of new services in keeping with vintage design in a non intrusive setting.

# Hotels...

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**Ballynahinch Castle Hotel:**  
Connemara, Co. Galway.

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The magnificent Ballynahinch Castle Hotel is one of the finest 4 star luxury castle hotels in Ireland. Voted number one in Ireland by Condé Nast readers. Set in a private 450 acre estate of woodland, rivers and walks in the heart of Connemara Co. Galway. This authentic and unpretentious Castle Hotel stands proudly overlooking its famous salmon fishery, with a backdrop of the beautiful 12 Bens Mountain range.

The project involved a full renovation with removal of existing services and a complete installation of new services in both the old part of the building and in the extension in keeping with classical designs.



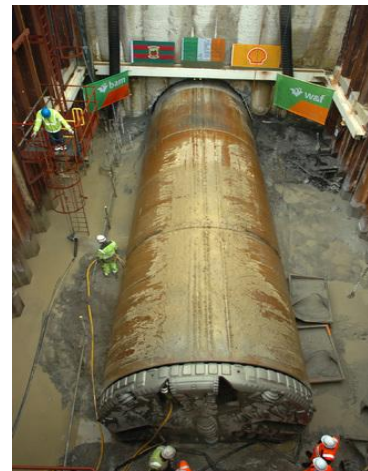


# Oil & Gas...

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## Shell E&P Ireland Corrib Natural Gas :

Installation of Umbilical cables from landfall to terminal site including fiber, copper & Ground monitoring sensing cables. Complete installation of LVI at land fall. Within the scope we also carried a complete installation of the administration building for the onsite gas terminal.



**CORRIB**  
natural gas

# Commercial fit out...

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## Genworth Financial Headquarters

Genworth has moved from its old base in the Free Zone to new state of the art accommodation in Westpark. As well as purchasing the building, Genworth has invested heavily in upgrading the office block and the new building can facilitate future expansion. Genworth already employs a staff of 400 in Shannon in what is its biggest operation outside of the United States.

On this Project we were the lead electrical contractor working on behalf of DH Group.

We carried out a full supply and install of all electrical components including switchgear, distribution systems and communications across the full five floors.



# HealthCare...



## Cystic Fibrosis Unit MGH

We completed the full electrical installation to the New Cystic Fibrosis department on the grounds of Mayo General Hospital.

The works included a new 2 storey stand-alone unit, that links into the main hospital at ground floor level. Internal modifications were required to the existing out-patient department as well as the complete refurbishment of existing Consulting Rooms as part of the works.

The new Cystic Fibrosis Unit includes facilities such as 2 new Isolation Rooms with Technical and Staff Facilities, 3 no Offices, Consultant Room, Kitchen Facilities, Education Lab and Conference Room. This was all carried out in careful collaboration with the Maintenance section, IT section & Infection Control Unit of the Hospital.



## Tuam Ambulance Base

We completed the full electrical installation to the New Tuam ambulance base .

The work consisted of the construction of an Ambulance Base Building made up of 30% single storey and 70% two storey footprint (approx) providing ambulance garage, sluice room, disposal dirty linen room, vehicle equipment, charging room, quiet/rest room, kitchen/dining, training room, toilets, supervisor's office, male-female toilets & showers, changing room, stores, circulation area, plant-rooms, together with site-works, service connections and associated works.





# Emergency Lighting

## Belmullet District Hospital

We carried out a full installation of an addressable emergency lighting system, we completed this whilst the hospital was in full operation.

Completion of this was within very stringent hygiene conditions due the environment of the installation.

With over 500 luminaries installed with containment and modifications to switchgear the project was completed on time and within budget.



Feidhmeannacht na Seirbhíse Sláinte  
Health Service Executive

# Aerodrome

## Ireland West airport Knock

As part of the Knock Airport continuous development we installed a CAT 2 instrument landing system in accordance with the Irish Aviation Authority guide lines.

We also uphold the maintenance of the airport building including runways, terminals and Security Department.

Our personnel conform to the Garda Vetting criteria imposed by the Irish Aviation Authority for works within high security departments.



Ireland  
West  
Airport  
Knock



# Standards...

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The adoption of a NSAI's management systems used by us is to improve our overall performance and provide a sound basis for sustainable development initiatives..

## Occupational Health and safety ( ISO 18001 – 2007 ) :

At Tiernan Engineering the Occupational Health and Safety Assessment Series (OHSAS) Standard specifies requirements for an occupational health and safety (OH&S) management system, it enables our organization to control our OH&S risks and improve our OH&S performance.

## Quality Management ( ISO 9001 – 2015 ) :

This International Standard specifies requirements for a quality management system and helps us to demonstrate our ability to consistently provide products and services that meet customer, statutory and regulatory requirements and aims to enhance customer satisfaction through the effective application of the system.

## Environmental ( IOS 14001 – 2015 ) :

This International Standard is intended for use by us to manage our environmental responsibilities in a systematic manner that contributes to the environmental pillar of sustainability.



# Thank You

LETTERS OF RECOMMENDATION (SATISFACTORY COMPLETION) AVAILABLE ON REQUEST



## Memberships

CIF	117216
RECI	A0549
CWPS	113442



## Accreditations

NSAI ISO 9001:2015 Quality Management

NSAI ISO 14001:2015 Environmental Management

NSAI ISO 18001: 2007 Occupational Health and Safety Mgt



## Company Details

Directors: Niall Tiernan, Kathy Tiernan

Company Formed 1994.

Company Registration No.294985

VAT Registration IE8294985O

Company Status Private Limited Company

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