

Design & Selection

1. **DESIGN PARTICULARS** (if more than one organisation, attach additional sheets as required)

Project Supervisor Design Process (PSDP): _____ Address: _____

Designer: _____ Address: _____

EPD referenced in the design of this installation:

Design completed as indicated on drawings and documentation as per Index attachment(s) no: _____

We, being the persons responsible for the design of the electrical installation in a hazardous area (as indicated by our signatures below), particulars of which are described above, having exercised reasonable skill and care when carrying out the design, hereby certify that the design work for which we have been responsible is, to the best of our knowledge and belief in accordance with standard I.S. EN 60079-14, ET105:2011 National Rules for Electrical Installations in Potentially Explosive Atmospheres and current Irish Legislation, except for any departures, if any, detailed as follows (attach an additional sheet if required): _____

The extent of liability of the signatories is limited to the work described above as the subject of this certificate.

A. Signature: _____ Date: _____
 Name in CAPITALS: _____ Affiliation (CEng / IEng / Other): _____
 Design Engineer / Manager

B. Signature: _____ Date: _____
 Name in CAPITALS: _____ Affiliation (CEng / IEng / Other): _____
 Design Engineer / Manager

Company registration Number: _____

2. **SELECTION PARTICULARS** (if more than one organisation, attach additional sheets as required)

Company: _____ Address: _____

Selection of equipment and components as per Registry / Index attachment no(s): _____

Equipment and component certificates of suitability as per Registry / Index no(s): _____

We, being the persons responsible for the design and/or selection of the electrical installation in a hazardous area (as indicated by our signatures below), particulars of which are described above, having exercised reasonable skill and care when carrying out the selection, hereby certify that the selection for which we have been responsible is, to the best of our knowledge and belief, in accordance with standard I.S. EN 60079-14, ET105:2011 National Rules for Electrical Installations in Potentially Explosive Atmospheres and current Irish Legislation, except for any departures, if any, detailed as follows (attach an additional sheet if required): _____

The extent of liability of the signatories is limited to the work described above as the subject of this certificate.

A. Name in CAPITALS: _____ Affiliation (CEng / IEng / Other): _____
 Engineer / Manager / Senior Design Engineer

Signature: _____ Date: _____

B. Name in CAPITALS: _____ Affiliation (CEng / IEng / Other): _____
 Engineer / Manager / Senior Design Engineer

Signature: _____ Date: _____

Company registration Number: _____

COMPLETION CERTIFICATE NUMBER: _____

Installation

1. INSTALLATION PARTICULARS (if more than one organisation, attach additional sheets as required)

Company: _____

Address: _____

Confirmation of general compliance to ET101:2008

We, being the persons responsible for the erection of the electrical installation in a hazardous area (as indicated by our signatures below), particulars of which are described above, having exercised reasonable skill and care when carrying out the installation, hereby certify that the installation for which we have been responsible is, to the best of our knowledge and belief, in accordance with standard I.S. EN 60079-14, ET105:2011 National Rules for Electrical Installations in Potentially Explosive Atmospheres and current Irish Legislation, except for any departures, if any, detailed as follows (attach an additional sheet if required):

The extent of liability of the signatories is limited to the work described above as the subject of this certificate.

A. Name in CAPITALS: _____ Affiliation (CEng / IEng / Other): _____
Site Engineer / Construction Manager / Electrical Supervisor

Signature: _____

Date: _____

B. Name in CAPITALS: _____ Affiliation (CEng / IEng / Other): _____
Site Engineer / Construction Manager / Electrical Supervisor

Signature: _____

Date: _____

Company registration Number: _____

2. Drawings & Test Record Sheets

Electrical Drawings (As built) completed as per Index no: _____

Electrical Test Record sheets completed as per Index no: _____

Descriptive System Documents (As built) completed as per Index no: _____

EEx 'i' Test Record sheets completed as per Index no: _____

Inspection of completed installation for compliance

1. INSPECTION PARTICULARS (if more than one INSPECTOR, attach additional sheets as required)

Company: _____ Address: _____

We, being the persons responsible for the INSPECTION of the electrical installation in a hazardous area (as indicated by our signatures below), particulars of which are described above, having exercised reasonable skill and care when carrying out the INSPECTION, hereby certify that the referenced work in this report for which we have been responsible is, to the best of our knowledge and belief, in accordance with standard I.S. EN 60079-17, ET105:2011 National Rules for Electrical Installations in Potentially Explosive Atmospheres for Electrical Installations in Potentially Explosive Atmospheres and current Irish Legislation, except for any departures, if any, detailed as follows (attach an additional sheet if required): _____

The extent of liability of the signatories is limited to the work described above as the subject of this certificate.

- A. Signature: _____ Date: _____
 Name in CAPITALS: _____ INSPECTOR / REVIEWER Affiliation (CEng / IEng / Other): _____
- B. Signature: _____ Date: _____
 Name in CAPITALS: _____ INSPECTOR / REVIEWER Affiliation (CEng / IEng / Other): _____
- C. Signature: _____ Date: _____
 Name in CAPITALS: _____ Optional if a Notified Body is engaged in the inspection: _____

2. VISUAL CONFIRMATION

Detailed inspection schedules in accordance with standard I.S. EN 60079-17, ET105:2011 National Rules for Electrical Installations in Potentially Explosive Atmospheres and current Irish Legislation for each system compiled and reviewed for completeness. If not list all deviations here (attach additional sheets as required): _____

- | | | | |
|---|--------------------------|---|--------------------------|
| Visual confirmation <u>ONLY</u> of general compliance to ET101:2008 | <input type="checkbox"/> | Diagrams, warning notices and signage in place | <input type="checkbox"/> |
| Single phase circuits (& RCD's) double pole | <input type="checkbox"/> | Identification of isolating switches | <input type="checkbox"/> |
| Identification of protective devices | <input type="checkbox"/> | Test Equipment Calibration Certificates confirmed | <input type="checkbox"/> |
| Test Record Sheets complete | <input type="checkbox"/> | | |

Comments: _____

3. DOCUMENTATION/PROCEDURES

The inspector is required to confirm that all applicable and related referenced documents / drawings have been recorded and confirmed to be true copies of the final as installed installation prior to conducting any detailed inspection of the referenced works.

- | | | | |
|---|--------------------------|--|--------------------------|
| ET101:2008 Installation Certificate (reference ET101:2008 Part 6) | <input type="checkbox"/> | Classification of hazardous areas | <input type="checkbox"/> |
| Apparatus Group | <input type="checkbox"/> | Temperature Class | <input type="checkbox"/> |
| Records sufficient for maintenance purposes | <input type="checkbox"/> | Equipment isolated prior to inspection | <input type="checkbox"/> |
| (ATEX) CE mark and Declarations of Conformity | <input type="checkbox"/> | Plant Modification procedure in place | <input type="checkbox"/> |
| Personnel Assessed for Competency | <input type="checkbox"/> | Plant Engineer Consulted | <input type="checkbox"/> |
| Documentation available for EEx 'i' systems | <input type="checkbox"/> | Permit To Work system in place | <input type="checkbox"/> |

Comments: _____

4. NEXT INSPECTION

The interval between periodic inspections shall be in line with the requirements of current Irish statutory legislation;

Next inspection shall be recorded and documented in an appropriate manner in the Clients engineering and Maintenance Program.