



**Electro-Technical Council of Ireland**

**Title:** Seminar on ET105:2011 National Rules for Electrical Installations in Potentially Explosive Atmospheres.

**Location & Date:** Engineers Ireland, 22 Clyde Road, Ballsbridge, Dublin 4 on Wednesday, 30<sup>th</sup> November 2011. Registration takes place at 08:50h.

**Trainer (s):** Noel J. O'Riordan, Consultant Engineer and subject matter expert in the fields of Hazardous Areas and Potentially Explosive Atmospheres. Other speakers are drawn from the ETCI's Technical Committee 6 (TC6).

**Overview:**

ETCI's Technical Committee 6 (Equipment for Potentially Explosive Atmospheres) has prepared the National Rules for Potentially Explosive Atmospheres, ET105. This publication specifies the requirements for electrical installations in potentially explosive atmospheres.

For some time ETCI Technical Committee 6 has been working on a major revision of ET105 to bring it up to date with latest national and international practice and to coordinate the publication with the provisions of the Fourth Edition of the National Rules for Electrical Installations (ET101:2008) and the legal requirements of the Safety, Health and Welfare at Work (General Application) Regulations (S.I. 299 of 2007).

In parallel with the development of ET105, TC6 has also undertaken a complete revision of the Subsystem Completion Certificates and Test Records for Electrical Installations in Potentially Explosive Atmospheres.

The implementation date for the new Rules is 3rd January 2012. Please note that the National Rules for Electrical Installations in Potentially Explosive Atmospheres, Second Edition, ET105:2001 will be withdrawn on this date.

**Learning Objectives:**

- To inform with respect to legislative requirements including the (General Application) Regulations 2007 – S.I. No. 299 part 8.
- To reinforce the awareness of the National Rules for Electrical Installations in Potentially Explosive Atmospheres concerning Layout, Plan and Application; with particular reference to recent additions brought about by the introduction of the 3<sup>rd</sup> Edition (ET105:2011)
- Application of the Rules in wiring system design and designation of appropriate protective devices
- To introduce the logistics and requirements involved in verification and testing of electrical installations in the context of requirements as laid down by both ET105:2011 and Part 8 of S. I. 299.



Electro-Technical Council of Ireland

### **Seminar Programme for 30<sup>th</sup> November 2011**

08:50	Registration
09:00	Official Opening Introduction to the National Rules for Electrical Installations in Potentially Explosive Atmospheres ET105:2011
09:30	Rationale for Change in ET105:2011 and Layout of Parts
10:00	Layout of Annexes of ET105:2011
10:30	Tea/Coffee
11:00	Alignment of ET105:2011 with Legal Requirements
11:30	Verification, Inspection and Testing
12:00	Open Forum for Questions and Answers
12:45	Programme Evaluation and QA Feedback

#### **Who should attend?**

Electrical Engineers/Electrical Engineering Managers; Building Services Engineers/Technicians; Technical Staff involved in electrical engineering disciplines; Technical Staff with responsibility for the management electrical safety in particular those with responsibility for writing electrical safety statements.

#### **Trainer's Profile:**

The Seminar convenor is Mr. Noel J. O'Riordan, Consulting Engineer; Noel has wide ranging engineering experience nationally and internationally in the field of explosive atmospheres. He is responsible for the co-ordination and assessment of the standards programme for CEN/CENELEC under the ATEX 100a Directive. Noel is a Director of the Electro-Technical Council of Ireland (ETCI); he has actively participated in its activities over many years. Other Seminar speakers will be drawn from Subject Matter Experts from membership of TC6 this is the ETCI's committee responsible for the development of the National Rules for Electrical Installations in Potentially Explosive Atmospheres – ET105:2011

#### **Equipment/room requirements:**

Each participant will require their own copy of the National Rules for Electrical Installations in Potentially Explosive Atmospheres – 3<sup>rd</sup> Edition ET105:2011 (The National Rules for Electrical Installations ET 105:2011 3<sup>rd</sup> Edition can be obtained from ETCI at a special discounted price of €80).

<http://www.etcie.ie/news/et105-2011.htm>

**Seminar Fee:** €150



Electro-Technical Council of Ireland

**Booking Form.**

**Seminar on ET105:2011 National Rules for Electrical Installations in Potentially Explosive Atmospheres.**

**Please reserve place(s) on the above seminar to be held in Engineers Ireland on 30<sup>th</sup> November.**

**Your Organisation Details**

Name (Block Capitals): \_\_\_\_\_

Company Name: \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Telephone: \_\_\_\_\_ Fax: \_\_\_\_\_

Email: \_\_\_\_\_

**Attendee 1**

Name: \_\_\_\_\_

Position: \_\_\_\_\_

**Attendee 2**

Name: \_\_\_\_\_

Position: \_\_\_\_\_

**Method of Payment (Please indicate appropriate box)**

1. Cash

2. Cheque

3. Credit Card

VISA

Mastercard

Laser

Cardholder's Name: \_\_\_\_\_

Card Number: \_\_\_\_\_ Expiry Date: \_\_\_\_\_ CCV: \_\_\_\_\_

Total Cost:

Number of Attendees Registered: \_\_\_\_\_ X €150 = € \_\_\_\_\_

ET105:2011 Required: \_\_\_\_\_ X €80 = € \_\_\_\_\_