



ExMC/1616/Inf
July 2020

**INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC SYSTEM FOR
CERTIFICATION TO STANDARDS RELATING TO EQUIPMENT FOR USE IN
EXPLOSIVE ATMOSPHERES (IECEX SYSTEM)**

TITLE: Nomination for Mr. Nicholas Ludlam as ExTAG Deputy Chair

INTRODUCTION

In response to the call for nomination, ExTAG/604/Inf, this document contains the nomination received from FM Approvals, GB, for the appointment of Mr. Nicholas Ludlam as ExTAG Deputy Chair. A copy of his CV is attached.

Mr. Ludlam's nomination will be considered, along with other nominations received for the ExTAG Deputy Chair position, during the ExTAG 2020 Meeting, in readiness for a decision by the ExMC during its September 2020 meeting.

Chris Agius

IECEX Executive Secretary

<u>Visiting address:</u> IECEX Secretariat Level 33, Australia Square 264 George Street Sydney NSW 2000 Australia	<u>Contact Details:</u> Tel: +61 2 4628 4690 Fax: +61 2 4627 5285 E-mail: info@iecex.com http://www.iecex.com
---	---



PROFESSIONAL ACHIEVEMENTS

INTERNATIONAL STANDARDS DEVELOPMENT

Secretary IEC SC31G responsible for the development of Intrinsic Safety standards

GB Nominated Expert to IEC SC31G MT 60079-11 – Intrinsically safe apparatus

GB Nominated Expert to IEC SC31G MT 60079-25 – Intrinsically safe systems

GB Nominated Expert to IEC SC31G PT 60079-39 – Power 'i'

GB Nominated Expert to IEC SC31G PT 60079-47 – 2-WISE

GB Nominated Expert to IEC SC31G WG4 – Spark Test Apparatus

GB Nominated Expert to IEC TC31 MT 60079-15 – Type n apparatus

GB Nominated Expert to IEC TC31 MT 60079-26 – EPL Ga apparatus

GB Nominated Expert to IEC TC31 PT 60079-46 – Equipment assemblies

GB Nominated Expert to IEC TC31 WG32 – Creepage and Clearance

GB Nominated Expert to IEC TC31 WG37 – Cells and batteries

GB Nominated Expert to IEC TC31 WG47 – Gc equipment

Member of TC31 Chairman's Advisory Group

Member of TC31, SC31G, SC31J, and SC31M editing committee

Presented with the IEC 1906 Award in 2008

OTHER COMMITTEE ACTIVITIES

FM Approvals Ltd representative on IECEx Test & Assessment Group

FM Approvals representative on L6/10 – GB Mirror committee for IECEx Management committee

FM Approvals representative on ExNBG – ATEX Notified Bodies Group.

NATIONAL STANDARDS DEVELOPMENT

Member of CENELEC TC31 – European mirror committee for IEC TC31 and Subcommittees

Member of BSI EXL/31, EXL/31/2 & EXL/31/3 – UK mirror committee for IEC TC31

UL STP 913 – Intrinsic safety

UL STP 60079 – Alternate member for FM Approvals

PREVIOUS STANDARDS DEVELOPMENT EXPERIENCE

Technical Advisor (Chair) for US Mirror Committee to SC31G

Member of US Mirror Committee for IEC/TC31

US Nominated Expert to IEC TC31 MT 60079-15 – Type n apparatus

US Nominated Expert to IEC SC31G MT 60079-11 – Intrinsically safe apparatus

US Nominated Expert to IEC SC31G MT 60079-25 – Intrinsically safe systems

US Nominated Expert to IEC SC31G MT 60079-27 – FISCO & FNICO

Chairman of ISA SP12.01 – Intrinsic safety

Chairman of ISA SP12.12 – Nonincendive
FM Approvals representative on ISA SP12.06, SP12.21 and SP12.27
FM Approvals alternate representative on ISA SP12, ISA SP12.0, ISA SP12.01 and ISA SP 12.16
FM Approvals alternate member on NFPA National Electrical Code Panel 14
FM Approvals representative on CSA International C22.2 No 157 (Intrinsic Safety)

SKILLS Trained ISO Auditor
IECEX Expert Assessor – Auditing ExCBs and ExTLs within the IECEX System.

WORK HISTORY SENIOR ENGINEERING SPECIALIST, ASSISTANT VICE PRESIDENT

FM Approvals Ltd, Maidenhead, UK

July 2006 to current

Certification Manager for IECEX.

Conducting test and assessment of electrical equipment for hazardous areas under the ATEX, IECEX schemes and FM Approvals for the US and Canada.

Provided support to Technical Team Managers and US based engineering personnel as necessary.

SENIOR ENGINEERING SPECIALIST

FM Approvals LLC, Norwood, MA, USA

July 2004 to July 2006

Conducting test and assessment of electrical equipment for hazardous locations for the US and Canada.

PROJECT ENGINEER

Factory Mutual Research Corporation, Norwood MA, USA

June 1996 to July 2004

Started with the company in 1996 as a Project Engineer. Assessing and testing electrical equipment for hazardous (classified) locations mainly working with intrinsic safety and nonincendive protection techniques.

TEST AND ASSESSMENT MANAGER

Sira Test & Certification

August 1984 to May 1996

Started with the company in 1984 as a Project Engineer assessing electrical equipment for potentially hazardous areas. Primarily in the field of intrinsic safety, but also involved in the assessment and testing of flameproof 'd', pressurized equipment 'p', encapsulation 'm', type of protection 'n' and Gas Detectors to various British and European standards and ultimately became the Test and Assessment Manager responsible for the operation of the laboratory for all test work, maintaining the necessary accreditations for notified body status.

EDUCATION HND APPLIED PHYSICS, SHEFFIELD CITY POLYTECHNIC, 1982

Pure Physics I, Pure Physics II, Applied Physics I, Applied Physics II, Mathematics

BSEE OPEN UNIVERSITY, 1993

Mathematics; Analogue and Digital Electronics, Microprocessor-based computers, Instrumentation, Computer Aided Design