



**The NHS Northern
ESTATES TRAINING ADVISORY GROUP**

Present a one-day conference on:

ELECTRICAL STUFF!!

to be held on

FRIDAY, 6TH NOVEMBER 2015

at

**THE WRIGHTINGTON HOTEL & COUNTRY CLUB,
The Wrightington Suite, Moss Lane, Wrightington,
near Wigan, Lancashire, WN6 9PB**

**Are you confident the Management of electrical systems within your Organisation meets best practice?
How familiar are you with the network operators view the NHS and what they are doing to secure our supplies
and reduce risk?**

The aim of the conference is to update healthcare professionals on the requirements expected of them within the field of Electrical systems and how this could be achieved.

The day will include the changes to the 17th edition IEE Wiring Regulations (BS7671) with regard to medical locations, and an explanation of the current guidance available under HTM 06-01. The roles of Authorising Engineer, Authorised Persons and Competent Persons in regard to the HTM will be explained. Are your systems N+1 compliant and what is the future for back up generation, HV or LV, is it that simple?

The Network Operators have a role to play in securing our supplies, how do they achieve this and what do we need to understand about how this may affect our sites.

THIS CONFERENCE WILL BE OF SPECIAL INTEREST TO: ESTATES AND FACILITIES DIRECTORS, ASPIRING DIRECTORS/PROFESSIONALS, OPERATIONAL MANAGERS, ESTATES OFFICERS, CAPITAL AND PROJECT MANAGERS AND THOSE INVOLVED IN THE ACQUISITION, MAINTENANCE AND REFURBISHMENT OF ANY ASPECT OF A HOSPITAL'S ELECTRICAL INFRASTRUCTURE AND RESILIENCE.

The cost of attending the conference is £125.00 per person OR £100.00 per person if two or more attend from the same Trust/Organisation. This includes attendance at the conference, certificate of attendance, course handouts, coffee/tea on arrival, mid morning coffee/tea, two-course lunch and afternoon tea/coffee.

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PROGRAMME

8.45 am Registration
Tea, Coffee and a Bacon Roll

9.15 am **WELCOME AND INTRODUCTION**

Chairman – HARRY EVANS
(Chairman of the Estates TAG)
Authorising Engineer Mechanical, Cofely
GDF Suez

9.30 am **BS 7671 MEDICAL LOCATIONS AND
HTM COMPLIANCE**

Presenter – PETER HANDFORTH
Authorised Engineer, Peter Handforth
Associates Limited

10.15 am **NETWORK ASSURANCE, IS YOUR
BACK COVERED**

Presenter – DOUG McDONALD
Marketing and Sales Manager,
Electricity North West

11.00 am Mid Morning Coffee and Tea

11.15 am **N+1 COMPLIANCE, WHAT DOES
THIS MEAN ?**

Presenter – RICHARD KNIGHT
Director, CPA Solutions Limited

12.15 pm **BUFFET LUNCH**

1.15 pm **ELECTRICAL RESILIENCE AND
DESIGN**

Presenter – RICHARD KNIGHT
Director, CPA Solutions Limited

2.00 pm **ARE YOUR GENERATORS RESILIENT**

Presenter – Dr. MELVYN LANGFORD
PhD, MSc, BSc, CEng, MCIBSE, MIMechE,
FIHEEM.
Healthcare Operational Risk Ltd

2.45 pm **HV/LV GENERATION WHAT IS THE
WAY FORWARD**

Presenter – JOHN MCKENZIE
Technical Director, Cofely GDF Suez

3.15 pm **QUESTION AND ANSWER SESSION**

3.30 pm **CLOSE OF CONFERENCE**

SAFE JOURNEY HOME

ELECTRICAL **STUFF!!**

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PRESENTERS

HARRY EVANS BSc (Hons), MRICS, MIHEEM, MB Eng
Chairman of the Estates TAG and Authorising Engineer
Mechanical, Cofely GDF Suez

Harry is a chartered professional with over 30 years' experience incorporating the design and maintenance of commercial, industrial and healthcare premises. Harry started his NHS career in 2000 initially starting within the Capital Department of Salford Royal NHS Foundation Trust, before taking on the role of Head of Operational Estates for Salford, a position Harry held for over 12 years. Harry has recently been appointed as Mechanical AE for Cofely GDF Suez where he will continue to provide a service to the NHS mainly utilising his expertise in water quality. Harry started his early career as an electrician, before diversifying into building and engineering services. Over the years he has gained qualifications, expertise and experience of a wide range of building and engineering services.

PETER HANDFORTH
Authorised Engineer, Peter Handforth Associates Limited

Peter was one of the first NHS electrical apprentices at Blackpool Victoria Hospital and has worked within the NHS both in the UK and overseas. After years of design experience on large commercial, industrial and healthcare buildings, Peter developed an interest for teaching and currently delivers electrical courses for Eastwood Park, the NICEIC and his own bespoke courses.

The joint passion for training and hospital electrical installations has led to being an Authorising Engineer for several large hospitals, throughout the UK.

DOUG McDONALD
Marketing and Sales Manager, Electricity North West

Doug has worked for the Supply industry since 1964 when he joined The North West Electricity Board as a Graduate Trainee. Over the next 25 years he worked in the Operations section as an SAP working on voltages up to and including 132kV.

In 1990 after working in Iraq and Saudi Arabia for two years training Arab graduates on Safe Systems of work he became the Cable and Jointing Systems Engineer developing and type testing the cable and joints used today.

Throughout the nineties he managed several of the large depots being responsible for all the technical trades including Jointers and Fitters.

The company has changed names several times including Norweb and part of United Utilities plc before becoming the DNO Network Operator for the North West.

Doug is now Marketing and Sales Manager responsible for Operating and Maintaining over 1000 private high voltage systems under COMA Agreements especially NHS hospital networks, Manchester International Airport and advising COMA customers on energy efficiency.

RICHARD KNIGHT
Director, CPA Solutions Limited

Richard is a leader in the field of healthcare Electrical engineering, contributor to various guidance and standards including MEIGaN, also founding member and chair of the CIBSE Healthcare Group. Richard has over 30 years' experience in healthcare estates management most from within trust. He is a chartered Engineer, CIBSE interviewer and Authorising Engineer other interests include improving: estates management, value engineering, compliance, managing patient and business risk, electrical patient safety and micro shocks.

Dr. MELVYN LANGFORD
PhD, MSc, BSc, CEng, MCIBSE, MIMechE, FIHEEM.

Melvyn has been employed by the NHS for over 30 years. In this time he has developed a demonstrable career progressing from assistant engineer at Middlesbrough General Hospital, through the ranks (and numerous reorganisations) to Estates & Facilities manager at a number of Trusts.

In 1997 he was invited by NHS Estates to undertake research and provide managerial consultancy services via 'process consultation' techniques relating to aspects of day-to-day operational risk. This success led to the partnering with Loughborough University's Centre of Risk and Hazard Management section under their Management Department in order to further develop the research. This research over the years has centred on the design and implementation of a practical four stage risk model specifically for use within NHS Trust estates departments, but due to its success the model has now moved into full facility management and beyond.

Due to the civil service arms length review decision to close NHS Estates, Melvyn is now effectively doing the same as he did whilst at NHS Estates but as an independent consultant whilst still continuing with the research at Loughborough University.

JOHN MCKENZIE
Technical Director, Cofely GDF Suez

John started his career at a major teaching hospital in 1983 and has held a variety of posts from apprentice to senior management in the NHS. In 2005 John joined the dark side and moved to the private (PFI) sector where he worked for a number of different PFI FM providers. John is currently the Technical Director for Cofely, covering the healthcare sector throughout the UK. During his time with the NHS and the private sector, he has had significant experience in dealing with and recovering from loss of power events.