



Eurlng Professor **David A. Cooper** MBE  
BSc(Hons), MSc, MPhil, CEng, FCIBSE, FIET, FSOE, FIMechE, FCGI

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## SUMMARY

Highly experienced and respected engineer in the Building Services Sector with 40 years in the industry and the last 25 spent at senior Board & management level.

Awarded an MBE in the Kings Birthday Honours list 2023 for services to lift & escalator engineering.

Visiting Professor at the University of Northampton.

Apprenticeship served and holds an ordinary degree and two Masters degrees.

Extensive experience with lifts, escalators, passenger walkways, cable cars, cranes & lifting equipment.

Chartered Engineer, registered with the Engineering Council and a Fellow of a number of Professional Engineering Institutions and has been acknowledged with awards for his skill and experience.

He has been the Project Director on a number of award-winning UK and overseas projects and has experience with design, installation, modernization, surveys, project management, traffic analysis, health & safety and accident investigation.

Experienced expert witness (over 700 cases) having provided evidence in civil, criminal and coroners courts including personal injury (having investigated over 40 fatalities), contractual disputes, rent reviews and patent disputes. Also experienced with other forms of dispute resolution including mediation, adjudication and arbitration.

Commercially aware engineer with broad experience in other areas of business including contract law, budgets, health & safety and marketing. Also experienced and qualified in Governance. Has advised corporates in acquisition deals in the sector.

## SENIOR BOARD LEVEL EXPERIENCE

CEO of LECS (UK) Ltd. Founding partner in 1988 (incorporated 1991). SME organisation. Turnover 2022 c£1M employing 7 direct staff with 18 associates.

CEO of LECS (UAE) based in Dubai.

Board Member, CIBSE (2020 – present) 23,000 member organisation. Turnover 2021 £6.9M. Vice President 2023.

Court Member, Worshipful Company of Engineers. Membership organisation of eminent engineers.

Board Member, IIEExE (1990-1995) 5,000 member organisation which merged into the IET in 1995.

## EMPLOYMENT HISTORY

1993 - present LECS (UK) Ltd Consulting Engineers  
1988 - 1993 Royal Insurance (District Engineer Surveyor & Trainer)  
1985 - 1988 Kone Marryatt & Scott (Staff Engineer & Area Safety Manager)  
1980 - 1985 British Rail (Apprentice rising to Service Engineer)

### ACADEMIC QUALIFICATIONS

Visting Professor (University of Northampton)

IOSH Managing safely in the lift industry (2021)  
MPhil (University of Northampton) Research into escalator accidents (2011)  
MSc (University of Northampton) Lift Engineering (2005)  
BSc(Hons) (Open University) Engineering & Management (2003)  
Continuing Education Certificate.(Nene College) Lift Engineering 1994  
HNC (City of Westminster College) Building services Engineering (1992)  
Various NALM/LEIA modules in lift & escalator engineering  
EITB debentured apprenticeship with craft level (C&G) qualifications (1980-1984)

### SPECIFIC EXPERT WITNESS QUALIFICATIONS

In addition to academic qualifications and experience specific expert witness related qualifications have been undertaken including civil procedure rules, non destructive testing, forensic engineering, evidence collection and preservation, understanding personal injury claims.

### PROFESSIONAL REGISTRATION & MEMBERSHIP OF PROFESSIONAL BODIES

Fellow, Society of Operations Engineers (FSOE) (2020)  
Fellow, Institution of Mechanical Engineers (FIMechE) (2020)  
Eurlng (FEANI) 2010  
Liveryman, Worshipful Company of Engineers  
CEng (ECUK) 2008  
Fellow, Chartered Institution of Building Services Engineers (FCIBSE) (2008)  
Fellow, Institution for Engineering & Technology (FIET) (1998)

### PERSONAL AWARDS & HONOURS

Awarded an MBE in the Kings Birthday Honours list 2023 for services to lift & escalator engineering  
Awarded Paul Harris Fellowship by Rotary International  
Sir Moir Lockhead Award for safety (SOE) (2021)(for 30 years dedication to safety)  
CIBSE Presidents Commendation (2021)(for authoring COVID guidance)  
Fellow, City & Guilds of London Institute (FCGI) (2017)(For unswerving contribution to training)  
Outstanding Contribution to Community Award (EBA) (2016)  
Silver Medal of CIBSE (2012)(For contribution to the Institution)  
Significant Contribution to Business (EBA) (2005)(For Presidential role in Chamber of Commerce)  
Freedom of the City of London (2002)  
Highfield Shield (IIExE) 1993 (For escalator safety)

### PROJECT RELATED AWARDS

2020 Babbacombe Cliff Railway (Achieved listed Status with IMechE)  
2016 Ebbw Vale Inclined Lift (Elevator World Project of the Year)  
2013 East London Cable Car (Elevator World Project of the Year)  
2010 Padstow RNLi Lift (Association of Consulting & Engineering)  
2007 Babbacombe Cliff Railway (Association of Consulting & Engineering)

### PUBLISHED WORK & PRESENTATIONS

#### BOOKS

Contributions made to a number of other books including: "Cliffhangers" by Burrell, "From Pavement to Platform" by Orton, "up down across" by Merrell and contributions made to a number of editions of the "Elevator Technology" series books published by the International Association of Elevator Engineers.

- Lead Author, CIBSE Guide D, Transportation Systems in Buildings (5 editions, 2000-2020)
- Co-Author, Elevator & Escalator Accident Reconstruction & Litigation (4 editions, 2002-2020)
- Co-Author, Elevator & Escalator Micropedia (6 editions)
- Contributing Author, Buildings for Extreme Environments (Tropical) CIBSE (2017)
- Contributing Author, Buildings for Extreme Environments (Cold Climates) CIBSE (2017)
- Contributing Author, Buildings for Extreme Environments (Arid) CIBSE (2014)
- Co-Author, The Babbacombe Cliff Railway History & Technology, Red Red Robin (2013)

### PEER REVIEWED JOURNALS

- *Accessible Goods Only Lifts*, LES Proceedings (2019)
- *Escalator Runways*, LES Proceedings (2019)
- *How Many Breakdowns Are Acceptable?*, LES Proceedings (2018)
- *History of the Safety Gear*, LES proceedings (2018)
- *History of the Safety Gear*, TSIB (2018)
- *Boat Lifts in the UK*, LES Proceedings (2015)
- *Escalator Accident Analysis*, LES Proceedings (2015) Contributing Author
- *The Last Four Water Balance Lifts in the UK*, LES Proceedings (2014)
- *The UK's First Urban Cable Car*, LES Proceedings (2013)
- *Falls over the sides of Escalators*, Proceedings of NAVTP (2009)
- *Investigation into Accidents involving shopping trolleys and luggage carts on escalators* (Elevator World Technical Review) 2008

### TRADE MAGAZINES

Lift Industry News (content advisor)

Previously UK Editor of Elevator World UK (formerly Elevation) 1994-2022 with regular column on safety matters.

Over 104 articles/columns in safety columns as of December 2022

Articles have been published in Lift Industry News (UK), Elevation (UK), Elevator World (USA), Elevatori (Italy), Elevator Kai (Japan), Revista del Ascensori (Argentina), Lift Report (Germany)

Other articles published in other magazines including Building services Journal, Building Engineer, Facilities Management Journal, Refurbishment & Developer, Health Estates Journal, Local Government News, Urban transport News,

He featured as an author in the Daily Telegraph weekend magazine in April 2025.

### SIGNIFICANT PRESENTATIONS

Regular speaker on the global and home circuits including CIBSE Lifts Group events and the annual Lift & Escalator Educational Trust Symposium. Other significant overseas presentations:

- History of the Safety Gear (Hong Kong) Lift & Escalator Symposium (2018)
- Falls over the sides of Escalators (San Francisco) NAVTP (2009)
- Falls over the sides of Escalators (Thessaloniki) ELEVCON (2009)
- Escalator side of step entrapment (Melbourne) Lift Society of Australia (1999)
- Escalators & Moving Walks (Hong Kong) 1999
- Escalator side of step entrapments (Barcelona) ELEVCON (1996)
- Should Escalators require PTE, (Vienna) (1993)

Has also been interviewed on TV & radio including , The Jeremy Vine Show (Escalator Accidents), BBC Today, BBC Radio Berkshire, BBC1 "click", IET TV, BBC Radio Northampton, ITV Meridian News, BBC South Today & BBC South West. Other TV appearances include BBC3 Emergency Measures and BBC2 Flog It.

### VOLUNTARY WORK WITHIN THE INDUSTRY

Chairman, Lift Industry Charity (Trustee since 2007)

Chairman, Lift & Escalator Symposium Educational Trust (Trustee since 2011)

Technical Director, Babbacombe Cliff Railway

Committee Member, Rumford Club (Building Services think tank)

Chairman, Eastbourne Young Engineers Club (part of the Education Business Partnership)

CIBSE (other than previously listed): Lift Group Executive Member (1991-present), Chair of Career Panel (2015-2022), Member of Training & Development (2012-present), Chair of Lifts Group (1995)

British Standards Institution: Representative on European groups WG9 for inclined lifts (2023 onward) and WG11 for improvement of safety of lifts (2014-present), Chair MCE/20 Cableways Committee (2013-present), Liaison between MHE/4 & MCE/20 (2013-present), Chair BS5656-3 (2011), Chair BS5656-2 (2011), Chair BS7801 (2010), Chair BS5656-1 (2010)