



THEA TESTER, CMIOSH

Thea has 28 years experience in the implementation and maintenance of Quality and Safety Management Systems in a variety of railway organisations, including international.

Thea is a Chartered Member of the Institute of Occupational Safety & Health (CMIOSH) and has worked in infrastructure and vehicle testing organisations. Within these Thea has provided Professional Head of Safety support, acting as a key advisor to all levels of the organisation. More recently Thea has managed the Compliance team (formerly Audits), introducing a number of new service offerings for audit and inspection programmes; including RM3, RAMS and ECM

Thea's experience includes successful introduction of management systems for ISO9001 certification, legal compliance for health & safety, and conformance with national and rail industry standards. This includes audit, performance monitoring and improvement programmes.



SECTORS OF EXPERTISE

- › Health & Safety management systems; Quality Management Systems ; Railway legislation and regulatory compliance; Auditing; Common Safety Method for Risk Evaluation and Assessment; Railway Management Maturity Model (RM3); RAMS - Reliability, availability, maintainability and safety

EDUCATION

2004 | NEBOSH National Diploma Level 1 and 2 , National Examining Board for Occupational Safety & Health (NEBOSH), United Kingdom

EXPERIENCE

SINCE 2012 | **SNC-LAVALIN RAIL & TRANSIT (FORMERLY INTERFLEET TECHNOLOGY LIMITED) , DERBY, DERBYSHIRE, UNITED KINGDOM**
Team Leader - Compliance

Since 2014

Leadership

Thea possesses strong leadership and influencing skills, including emotional intelligence. Thea has led projects for Quality & Safety systems and product acceptance of new technology. Thea has also provided advice and guidance to directors and management, locally and at corporate level, as well as clients and suppliers. Thea has led the development of new audit and inspection methods to suit specific client needs.

Safety Management and Assurance

Thea has developed, implemented and maintained Quality & Safety Management Systems for a number of organisations. This has included:

- › Health and safety management systems
- › Quality management systems
- › Train operations and control, including depot protection
- › Audit and performance monitoring programmes
- › Emergency preparedness & response
- › Test centre railway safety case.

Audits and inspections

Thea has managed numerous audit programmes for our clients, as well as co-

Years of Experience

- › 28 years

Years with SNC-Lavalin

- › 7 years

Key Positions

- › Health & Safety Supervisor/Manager
- › Quality Manager / Director

Languages

- › English
- › French
- › German
- › Spanish



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ordinating vehicle inspection projects, including dilapidation inspection and costing. She has also developed audit service offerings to suit specific client needs including:

- › Railway Management Maturity Model auditing (RM3)
- › EN50126 RAMS certification auditing (safety elements)
- › Compliance gap analysis of management systems, including against industry standards, to enable improvements.

International Experience

In a previous role, Thea was the nominated 'Professional Head of Safety' for an international infrastructure testing company, providing guidance to staff and management on a range of legal and rail industry compliance issues. Thea's work has taken her to various sites within Europe, as well as USA and India, covering:

- › Track & train visits and risk assessment of track testing
- › Safety inspections
- › Vehicle and technician audits
- › Safety advice for tests and trials
- › Delivery of audit skills training.

Customer Focus

Thea manages our Audits team, liaising with a broad range of clients to ensure requirements are understood and achieved.

Safety validation

Thea has developed validation processes including safety validation of organisational changes, to ensure compliance with the Common Safety Method for Risk Evaluation and Assessment.

Example experience

- › Delivery of audit training to national safety authorities (NSAs) on behalf of the European Rail Agency (ERA), against a maturity model audit methodology
- › Development and delivery of a certification audit process against the safety requirements contained in EN50126 'Railway applications. The specification and demonstration of reliability, availability, maintainability and safety (RAMS). Basic requirements and generic process', undertaken for the various Business divisions of CAF, Spain; including vehicle signaling, turnkey projects plus power and automotives.
- › Delivery of RAMS safety management audits for Hyundai Rotem Company.
- › Development and delivery of an audit scheme, following the protocol set out in RIS-2708-RST adapted for passenger quality, Entity in Charge of Maintenance (ECM) to Hitachi UK.
- › Project management of the safety validation of organisational change for the introduction of the operation of multi-purpose vehicles (railhead treatment) by a passenger train operator, applying the principles of the Common Safety Method for Risk Evaluation and Assessment.

Site Experience

- › France
- › Germany
- › India
- › Norway
- › Slovakia
- › South Korea
- › Spain
- › Sweden
- › United Kingdom
- › United States

Computer Applications

- › Microsoft Office
- › Microsoft SharePoint

2012 - 2014

Section Head - Audits

Management and delivery of audit and inspection services to client requirements, responsible for a team of 6 people.

Example experience

- › Management of a suite of Railway Management Maturity Model (RM3) audits for First Group covering it's various train operating companies, to compare performance across the organisation.
- › Delivery of a dilapidation survey programme for estimating financial provision

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- for repairing fleets to lease handback condition, for a train operating company (confidential task).
 - › Risk review of working at height methods for working on a vehicle roof, for Heathrow Express. Included a review of all the various fall prevention and fall arrest methods available to identify the most suitable method to reduce the risk to 'as low as reasonably practicable' (ALARP).

PROFESSIONAL ASSOCIATIONS

SINCE 1995 | Institution of Occupational Safety & Health (IOSH), Membership no. 047250 (Chartered)

PROFESSIONAL DEVELOPMENT

2011	RoSPA Accident Investigation Course, Royal Society for the Prevention of Accidents (RoSPA), United Kingdom
2008	NVQ3 Business Management, Qualification and Curriculums Authority - Oxford Cambridge and RSA Examinations, United Kingdom
2002	ISO9001 Quality Auditor Training, Batalas Limited, United Kingdom
2002	Incident Management, Catalis Rail Training, United Kingdom
1999	Modern Safety Management , Det Norske Veritas, United Kingdom
1997	NEBOSH General Certificate of Occupational Safety & Health , NEBOSH, United Kingdom