



EDUARDO CALIXTO
CONSULTING

Risk Management for Railway Infrastructure System: Application of EU standards and regulations

SECURE YOUR PARTICIPATION!

Website: <http://www.eduardocalixto.com>

Email: ec@eduardocalixto.com

Why Shoud attend this training ?

- To understand the concept of Risk management for Railway Infrastructure Systems based on EU Regulation 402 /2013 and ASBO assessment.
- To understand the concept of Risk Management for Railway Infrastructure Systems based on EN 50126, EN 50128 and EN 50129.
- To understand the Risk management Process for Railway Infrastructure Systems along lifecycle phases.
- To understand the implementation of Risk Management Audit based on Eu Regulation 402.
- To understand implementation of Safety requirement and different parts responsibilities for Railway Infrastructure Systems .
- To understand the Infrastructure System safety requirement specification for BID and procurement process.
- To understand the Railway infrastructure system interfaces safety requirement.
- To understand the infrastructure responsibility of designer and constructors on Risk management process safety requirement.
- To understand and implement the Preliminary Hazard analysis and Hazard Log applied to Railway infrastructure Systems.
- To understand and implement FMEA and RCM applied Railway infrastructure Systems.
- To understand and implement reliability applied Railway infrastructure Systems.
- To understand the Authorization to Place into service for Railway Infrastructure Systems .

Who Shoud attend this training ?

Government Railway Regulators, Government Railway Authorities, Reliability Engineers, Safety Engineer, Railway Infrastructure Managers, rAirway infrastructure Designers, Railway Infrastructure

Day 1

- Module 1: Introduction (10 Minutes)
- Module 2: Risk Management for Railway Infrastructure System based on EN 50126 concepts (1 hour).
- Module 3: Risk Management for iRailway nrastructure System based on EU Regulation 402/2013 (1 hour).
- Module 4: Risk Management for Railway Infrastructure Systems along lifecycle.(1 hour).
- Module 5: The role of Designers, Contracotos and Railway Infrastructure Managers on Risk Management .(1 hour).
- Module 6: Safety Requirement for BID and Procurement of Railway Infrastructure Systems (1 hour).
- Module 7: Railway Infrastructure System Interfaces as part of Risk Management (1 hour).

Question & Dsicussions. (20 Minutes)

Day 2

- Module 8: Preliminary hazard analysis for Railway Infrastructure System based on EN 50126 concepts (1 hour).
- Module 9: Hazard Log applied for Railway Infrastructure Systems (1 hour).
- Module 10: FMEA applied for Railwa Infrastructure Systems (1 hour).
- Module 11: RCM applied for Railway Infrastructure Systems (1 hour).
- Module 12: Reliability Requirement applied for Railway Infrastructure System(1 hour).
- Module 13: Risk management Audit and Authorization to place into Service based on Eu Reulation 402/2013 (1 hour).



Trainer : Dr Eduardo Calixto, CRP, CFSE.,

He's Reliability and Safety Engineer Expert with over 18years experiences in Oil & Gas, Railway, Aerospace and Mining Industries. He has Doctoral Degree in Energy and Environmental, Master in safety System Management, Bachelor in Industrial Engineering. Author of the best seller Book Gas and Oil Reliability Engineering: Modeling and Analysis (material content of this training).

