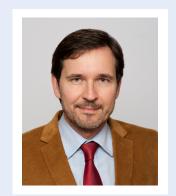


Christophe Mange

Electro-mechanical Engineer



Expert, Association Marius Lavet (promoting technological innovation) Commission Member, Société des ingénieurs Arts et Métiers

Education

CEA Program

Mila

Equipment and Installation Modules

Professional background

Engineering Degree – Ecole Nationale Supérieure des Arts et Métiers ENSAM Cluny

Master in International Management – Thunderbird, Glendale Arizona (United States)

Profile

62 years old Seniority : 15 years, associate German English

Expert - Industrial Risks: Direct Losses, Operating Losses BI & ICOW and Civil Liability

^{gineering} Alstom

Technical Project Leader: rail transport systems, AC/DC conversion systems

Suez Elyo Tractebel

Head of Design Engineering office, cogeneration/district heating projects

SPIE Batignolles SGTE

Project Manager: naval electric propulsion, power plants, electrical grids

SPIE Batignolles DEN

Project Engineer, electro-mechanics

Electrical and Mechanical engineering

Production, conversion and distribution of electrical energy

> Turbo Machinery, Electromechanical equipment

Naval Propulsion

Urban transport rolling stock and infrastructures

Economic losses



Christophe Mange

Electro-mechanical Engineer

Key areas of expertise

Electro-Mechanics, Electrical Engineering, Industrial Electronics

- Turbogenerators 1300 MW, 660 MW
- Cogeneration-combined cycles
- Electrical transformers, converters, AC & DC motors
- High-voltage and low-voltage switchboards
- Gas and diesel engines
- Cables
- Wind mills and solar panels
- Optical fibres

Mechanical Engineering

- Gas turbines, steam generators
- Gas and diesel engines
- Cranes and travellers
- Industrial ovens refractory linings
- Tower crane collapse in national grid power plant unit
- Crane and ship collision
- Urban lightrail and freight train derailment
- Rolling mill

Fire – Explosion – Water Damage

- Printing works
- Electrical substations
- Paper mill plant boiler explosion
- Buildings

Consequential And Operating Losses

- Consequential and Operating Losses
- Cogeneration Combined cycle
- HWI
- Steelworks