

THOMAS PARIS

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**PROFILE**

Over 12 years of experience in the energy sector with an international company, developing strong abilities in flexibility, adaptability, risk management, and teamwork.

I have experience in the nuclear industry, one of the most demanding sectors, where strict quality standards, security requirements, and high operational pressure are part of daily work.

**SKILLS**

- Deep knowledge of hydroelectric power plants and nuclear power plants
- Worksite supervision and planning including coordination of multi-disciplinary teams on industrial worksites (mechanics, scaffolder, electricians...)
- Strong safety mindset
- Reading and interpreting technical drawings and schematics (mechanical, hydraulic, pneumatic and electrical)
- Quality control, metrology and controlled tightening (torque + angle)
- Troubleshooting and root-cause analysis
- Heavy mechanical work
- Proficiency with Microsoft Office Suite
- Strong sense of responsibility and autonomy
- Teamwork and effective communication
- Strict adherence to safety standards and continuous improvement
- Reliability and attention to detail
- Adaptability and mobility
- Availability and commitment
- Languages: French / English

**PROFESSIONAL EXPERIENCE****MILLWRIGHT (Remote)**

EDF DTEAM – MAINTENANCE LOGISTICS UNIT – VERTOU (France)

[11/2021 - Present]

- Adjustment of bearings, bushings, and thrust pads
- Assembly, adjustment, and inspection of static and dynamic seals to control or stop steam leakage
- Alignment and coupling of large-diameter rotors
- Micrometric measurements with ± 0.01 mm accuracy on large components
- Creation of the “k’fé du mécano” training initiative to reinforce fundamentals and reduce maintenance non-conformities
- Participation in TWI (training within industry)
- Technical information sharing and feedback reporting
- Mastery of lifting and rotating heavy components

ELECTROMECHANICAL WORKS INSPECTOR

EDF – Hydroelectric Engineering Center, France

[04/2019– 11/2021]

- Monitored daily work on electromechanical equipment (structural gates, generating units, piping, generators, transformers, etc.)

- Collaborated with specialists, hydropower plant operators, and external contractors
- Contributed to preparing the construction
- Reviewed execution studies, mechanical drawings, and operating procedures
- Ensured adherence to **quality, cost, and schedule requirements** across multiple projects
- Produced detailed technical reports

Key Achievements

- Eliminated costly delays by resolving interface conflicts during project preparation
- Identified high-risk activities ahead of execution, preventing worker exposure to hazardous conditions

HYDROELECTRIC POWER PLANT MECHANIC EDF –Hydroelectric Power Plant Kembs, France

[07/2017 – 04/2019]

- Planned, scheduled, and supervised internal and contractor maintenance activities
- Analyzed inspection data and periodic maintenance results to optimize reliability
- Developed and updated internal maintenance procedures and work instructions
- Led a 7-person maintenance team, ensuring safe and efficient execution of tasks
- Managed procurement needs and created purchase requests for maintenance operations

HYDROELECTRIC POWER PLANT OPERATOR EDF –Hydroelectric Power Plant Kembs, France

[09/2013- 07/2017]

- Performed electrical and mechanical lockout/tagout
- Carried out preventive electrical and mechanical maintenance on turbines, generators, valves, and hydraulic systems
- Carried out troubleshooting electrical and mechanical equipment
- Completed routine inspection rounds to assess equipment condition and detect anomalies
- Mechanical and electrical troubleshooting
- Read and interpret mechanical, hydraulic, pneumatic, and electrical drawings
- Participated in major outages, overhauls, and heavy maintenance projects
- Worked safely in isolated and remote environments with strong situational awareness

MECANICIEN INDUSTRIEL VALEO Division Light - MESLIN-L'ÉVÊQUE (BELGIUM)

[05/2013– 09/2013]

- Developed preventive maintenance plans for injection and stamping presses
- Performed preventive mechanical maintenance



EDUCATION

Bachelor's Degree – Reliability Engineering & Advanced Maintenance Techniques Université Polytechnique Valenciennes (France)	[2012-2013]
Higher Technician Diploma – Industrial Maintenance (DEC equivalent) Lycée Frédéric Ozanam – Lille (France)	[2012]
Professional Baccaulaureate – Industrial Equipment Maintenance (DEC equivalent) Lycée professionnel des industries lilloises – Lille (France)	[2010]
Professional Certificate – Automated Mechanical Systems Maintenance (DEP)	[2008]



ADDITIONAL TRAINING & CERTIFICATION

• First Aid	[2025]
• Steam turbine (Arabelle solutions/Alstom)	[2024]
• Alternator fundamentals	[2023]
• Safety harness training	[2021]
• Pivot bearing technology – EDF Hydro	[2019]
• Static & dynamic sealing systems	[2019]
• Turbines, valves, troubleshooting, hydraulics, rigging & crane operation	[2013]