Alain Duperray

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**Experienced Maintenance**

**Strong knowledge in several industries (packaging, production, construction, food, oil & gas, glass)**

# PROFILE

Organized and detailed oriented

Critical thinking and problem solving skills

Very good ability to function and contribute in a team environment, and communicating with team members

Excellent hands-on skills in different fields (building, production equipment, mechanical, pneumatic, hydraulic, electrical, fine soldering, stick and MIG welding)

Strong industrial Electrical knowledge (servo-motors and drive; 120V, 240V, 480V; PLC Allen-Bradley, OMRON; electrical wiring; troubleshooting; read, interpret and design schematics)

Strong mechanical knowledge (gear boxes; racks and pinion; transmission; read, interpret and design blueprints)

SAP and 5S experience

Over 16 years of experience in managing teams up to 16 employees

TWIC card, SafeGulf, water Survival and OSHA 30 certified.

Computer skills: Microsoft Office, Photoshop, Autocad, CMMS (MP2, Faciliworks, EPAC)

Linguistic skills: fluent (speak, write and read) in English, French, beginner in Spanish.

**EMPLOYMENT**

**\*Trulite Glass and Aluminum Solution 2/16-present**

**Manufacturing Engineer/Maintenance Manager**

This plant manufactures all type of glass windows for commercial and residential construction single glass, laminated, tempered insulated glass.

Oversee the maintenance team functions for the entire facility.

Manage PM, spare parts program for the entire production equipment using EPAC.

Analyse equipment breakdowns in order to improve the preventative maintenance program and reduce downtime.

Identify and correct safety hazards to comply with OSHA requirements.

Manage projects such as retrofiting of 2 tempering ovens, installation of new equipments (horizontal glass washer, shape polisher)

Travel to sister plants to assist with equipment troubleshooting and train new Maintenance Managers

Create a spreasheet to keep track of the department expenses

**\*Oldcastle Building Envelop 7/13- 1/16**

**Maintenance Manager**

This plant manufactures all type of glass windows for commercial and residential construction single glass, laminated, tempered insulated glass.

Oversee the maintenance team functions for the entire facility.

Create and manage PM spare parts program for the entire production equipment using Faciliworks.

Installation of new waterjet,and polishing machines. Provide all utilities (air, electrical, water) requested by manufacturer prior to the delivery, coordinate installation and trainings with outside technician.

Design electrical schematics (power and control) to replace obsolete and unsafe ones on older machines manual tilt table, seaming center, floating table.

Install remote control software (Teamwiever) on several production equipment (Lisec Insulated Glass production line, Bystronic automated cutting table) in order to troubleshoot and make adjustements when away from the plant reducing significantly the downtimes.

Reorganize maintenance workshop, parts area and create a fabrication area

Identify and correct safety hazards to comply with OSHA requirements.

Closely manage monthly budget to avoid over spendings.

Hire and train new employees.

Manage 4 employees on 1 shift.

**\*Mauser USA Houston Metal plant 5/11- 7/13**

**Maintenance Manager**

This plant manufactures 55 gal steel drums.

Overseen the maintenance team functions for the entire facility.

Created and managed PM programs by using the QPS system and operator autonomous and on MP2. Monitored and supervised installation of new production equipment such as seaming machine and shell lining oven.

In charge of a $110,000 monthly budget.

Identified critical parts and organize inventory using Kanban system necessary to keep the downtime at a minimum The combination of all these improvements brought the downtime from 30% to 17% in less than a year.

Worked closely to the Production Manager and the Technical Manager to maintain the scrap level at a minimum, implement the safety of the equipment, and find solutions to improve the quality of the finish product in collaboration with the Quality Manager.

Implemented the 6S program specific to Mauser. Managed 14 employees and 2 supervisors on two 12 hours shifts.

**\*M Power Specialty Chemicals 03/10-04/11**

**Maintenance Manager/Project Manager**

Reorganized the whole maintenance department shop and inventory area to comply with the 5S standard. Implement continuous improvement processes (Lean, TPM, a) particularly for improving reliability of equipment Implemented a work order system Monitor and supervised the construction of a second line of production. Ensured the company equipment complies with OSHA requirements.

Oversee maintenance of facility; oversee P&L for Maintenance department. Coordinated with the Production Manager the operations and maintenance of all machinery to provide uninterrupted service.

Developed, scheduled, and controled a preventive maintenance program to maintain production machinery and equipment in proper working condition.

Plan a continual work schedule to maintain all company property in a safe and healthy condition to achieve the best working conditions possible for all employees. Supervised and coordinated activities of workers engaged in the maintenance, electrical and mechanical operations. Inspect jobs in process and at completion to ensure the standards of workmanship and safety are maintained. Maintained inventories of maintenance material, supplies and repair parts at required levels.

Recommended, plan equipment needs to improve production efficiency and/or achieve cost reduction.

Manage 8 employees.

**\* TRICON HOMES/MAUSER 12/05-02/10**

**Project Manager**

Organized, scheduled and settled up projects for safety signage installation team. This role entailed numerous logistics functions, including surveying building or construction site for the installation, ensuring that the signage installation met applicable code. Created an integrated end-to-end project plan with Gantt Project. Also determined all supplies and equipment needed to perform signage installation projects; prepared client proposals for same. Ensured that all equipment and supplies arrived to the job site, supervised the worksite manager to confirm that the installation went according to the project plan. As client requirements change, shifted resources and project plans to accommodate. Ensured delivery of overall project to the customer. Maintained an accurate parts inventory at all times. Track and manage project spending as compared to the approved budget. The budget for these projects ranged from $ 50,000 to $200,000. Managed 5 employees.

**\* TRICON HOMES 01/04-11/05**

**Maintenance Manager/ Quality Control Manager**

Conducted daily walk-through and visually assess the safe and efficient maintenance of physical structure(s) of the houses all mechanical, electrical, H.V.A.C. Was in charge of the maintenance of all the inventory houses as well as the office building. Supervising the contractors in order to keep the houses and their surroundings in perfect condition until they got sold. Repaired and fixed issues when possible to avoid extra expenses. Was also in charge of inspecting the houses at the different critical stages of the construction process, establishing a report of all the issues in order for the superintendent. That was done accordingly to a very specific internal chart of quality I created, with the support of the President of the company. Managed 5 employees+contractors.

**\* RHONE OFFSET PRESS 12/96-12/03**

**Maintenance Manager/Project Manager**

Lead and managed the activities of the company maintenance department.

Reviewed maintenance scheduled and assisted machinery specialist with troubleshooting and repair of three web offset printing presses as well as the entire plant/facility.

Worked with safety and environmental groups to ensure that all equipment is properly maintained to keep employees safe and prevent environmental issues. Built rotating equipment preventive maintenance.

Responsible for personnel, subcontractor requirements, material, capital, facility and equipment needs.

Selected, managed, evaluated, motivated and developed the maintenance department employees to ensure a qualified workforce necessary to meet the department objectives. After less than 2 years the rate of failure decreased about 60% and before I left the company the rate decreased about 90%.

Managed the whole department budget including P&L.

Managed 15 unionized employees+contractors.

**\* THIMMONNIER 09/95-11/96**

**International Field Service Technician**

Installed, repaired and serviced equipment and machinery. The troubleshooting could be electrical, mechanical, pneumatic, automatism and even hydraulic on certain equipments.

Consulted with customer or supervisor to plan layout of equipment.

Studied blueprints, schematics, manuals, and others specifications to determine installation procedures.

Installed equipment according to manufacturer specifications.

Operate system to demonstrate equipment and to analyze malfunctions with the future operators.

Test, tune, and adjust equipment to obtain optimum operating performance.

**INTERNSHIP**

\* Martin Company

Subject: Organize, schedule and supervise an automated machining center (3-axis vertical turning center ø 3 600 - 6 500 mm) complete retrofit. The project had to fit in a $ 75,000 budget.

\*SIDEL

Subject: Study and create a preventive maintenance schedule for a complete extrusion blow molding machine and a complete stretch blow molding machine.

**EDUCATION**

\* BS Major in Electrical Engineering option Industrial Maintenance, (French University Lyon) 1995

\* Baccalaureat F3 (High School technical diploma), Lyon France 1991 (Specialized in electricity, electronic, automatism)

\*BEP (Mid High school technical diploma), Lyon France 1989 (Specialized in industrial electricity and mechanic)