

Arunkumar Ramasamy – Senior Facility Maintenance Technician

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Seeking for a challenging career in a highly reputed industry, where I can effectively contribute my skills as an engineering professional, possessing competent technical skills and technologies for significantly to the development of the Organization.

Work Experience:

Senior Facility Maintenance Technician at Microcast Pte Ltd., Singapore.

November 2019 – May 2022

Electrician at Concordia Facility Management, UAE (Dubai).

August 2015 – September 2019

Roles & Responsibilities:

- Machine and facility maintenance.
- Electrical maintenance (Heavy machineries).
- Setup, troubleshooting under repair m/c's & maintenance die casting hydraulic and pneumatic Machines troubleshooting the machine
- Equipment operation parameter settings all strong knowledge
- Response to challenges on a daily basis for the maintenance and recovery of top priority tools, subject to changes on a daily basis.

Professional Experience:

◆ Senior Facility Maintenance Technician at Microcast Pte Ltd.,

- o Install & dismount injection molding M/C 44NTX, 24NTX 22P, 22H, Hydraulic & pneumatic **Technique Casting** machine (Canada make).
- o Daily hands on work (cylinder service, upnormal pressure issue, toggle block service, hot oil, vacuum pump service, cooling system, toggle mechanism service, accumulator service, hydraulic solenoid valve service, sensor replacement, cutting, welding, tap drill (mm, inches), breaker & contactor replacement, etc electrical and pneumatic issue.
- o Strong Knowledge PLC SCADA (Schneider and Omron Allen Bradley) electrical advance system.
- o Hand on good knowledge mechanical, electrical, Hydraulic and pneumatic system.
- o Screw Kaeser Compressor Receiver, dryer, cooling system preventive maintenance and troubleshooting.
- o Perform Preventive Maintenance/Corrective maintenance monthly, quarterly annual basis and support

- Knowledge in hydraulic & Pneumatic plc controls panel wiring , Electrical limit switch, Input & output signal (415vac,230vac & 24vdc)power Supply. Monitored products and ensured assembly parts does not include any defects
- Knowledge in Hydraulic cylinder, flow control valve & directional valve, dumb valve, pressure relief valve,(**handle models: Parker,SUN HYDRAULIC, WINNER VALVES**)
- Strong knowledge in Pneumatic valve, gauge , FRL,hose tubing, fitting (handle in model valve : **MAC,FABCO AIR,Parker,CKD,Airtec**).
- Daily facing troubleshooting, contactor, valve,sensor,relay, solenoid valve, control panel input, output malfunction, motor, pump,hose, tubing, gauges, fitting replaced, directional valve, temperature timer ,LCD display.
- Zero excursions due to human error. Strictly follow clean room protocol, Safety, 6S and housekeeping and ESD.
- Daily monitoring and measure reading facility equipment (cooling tower,fire fighting, compressor,air ventilation,MDB meter reading, lighting)
- Monthly service & certify ,Monthly spares & part stock cards , reading , report.
- Maintain and prepare iso audit file.
- Excel MSoffice word PowerPoint,SAP.

◆ **Electrician at Concordia Facility Management, UAE (Dubai).**

- LV Cable laying, Dressing, Cable glanding & termination.
- LV Panel installation, operation, maintenance & routine checking.
- All Industrial Electrical Works with Drawings such as Conducting & wiring.
- D.G sets operation, maintenance and troubleshooting.
- U.P.S installation, TroubleShooting & routine monitoring.
- Fire alarm system operation.
- Installation and Maintenance (Electrical, Electronics & HVAC).
- Operation of HVAC System

Personal Traits:

- Conceptual thinking and adapting new technology.
- Good communication, presentation, customer support and trouble shooting skills.
- Strong interpersonal skills with good experience in working as a team.
- Ability to create, maintain, and implement scripts to reduce administrative efforts.

Educational Qualification:

- Diploma in Electronics and Communication Engineering at Srinivasan Polytechnic, Perambalur, Tamil Nadu, India in 2011.

Personal Information:

- **Date of Birth** :30/06/1991
- **Gender** :Male
- **Nationality** :Indian
- **Passport Number** :V9403829

Declaration:

I Hereby declare that information given above is correct and true to the best of my knowledge and if found incorrect the company reserves rights to cancel my appointment.

Date:

Yours Sincerely,

Place: Singapore.

ARUNKUMAR RAMASAMY