



**ERICSON  
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www.linkedin.com/in/ezembrano in

Dear Hiring Manager,

I am interested in the advertised role. Hereby, I have enclosed my resume to provide detailed information on my qualifications and skills for your review. Making 62.50% increase in plant capacity expansion project in SOEX UAE and 40% increase in productivity in Bonar Yarns UAE were gratifying. Now, I'm looking for a new challenge.

I know you take your business seriously, and that you're looking for the driving force of operational excellence. You also need a leader who can manage and execute Lean methodology across your business. I think we're a match, based on these achievements:

- **Lean Training:** Trained 200 employees in Lean principles, resulting to 40% setup time reduction using SMED approach.
- **Mechanical Design:** 3 years experience in heavy equipment design such as industrial pumps & blowers, pressure vessels, etc. in Japan, using CAD & 3DS SolidWorks. And continuously using SolidWorks in implementing machine design & modification for LEAN KAIZEN projects.
- **Continuous Improvement:** Increased productivity by as much as 40%, through machine modification, without additional machine or headcount.
- **Cost Reduction:** Directed sustainability and waste reduction projects in UAE and Scotland facilities, resulting to up to €1M savings.
- **QHSE Management:** Managed Risk Assessment, QMS documentation, and Internal audits. Prepared, organized, scheduled regulatory agency inspections for QHSE audits (ISO).

Moreover, I have extensive experience in managing manufacturing operations with up to 350 personnel: evaluating employee performance, implementing company policies, and establishing performance requirements to achieve the target yield with minimal losses.

I am confident that I can bring this level of success with me to your organization. I'd value the chance to meet you to discuss how we might extend the massive gains the company has been able to attain.

Best Regards,

Ericson L. Zembrano

Operations Professional



# ERICSON ZEMBRANO

## CONTACT

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## SUMMARY

An accomplished operations professional with expertise in the field of mechanical design, and manufacturing processes, having strong focus in Safety, Quality, Process Improvement, and LEAN efficiency. Result-oriented leader with excellent situational skills to build and develop productive response in changing and challenging environments, seeking to dramatically improve profitability of business organizations. While leading the Bonar Emirates' continuous improvement initiatives, used Lean methodology to improve processes, made a profit of more than €1M through savings. Also increased productivity by 40%. Slashed setup time by 40%.

## EDUCATION

**Pamantasan ng Lungsod ng Maynila**

1999 - 2004

Bachelor of Science in Mechanical Engineering

## EXPERIENCE

**Unilever Philippines (FMCG)**

Sep. 2021 - Dec. 2021

First Line Manager (Fixed-Term Contract)

- Worked on improving the efficiency for 4Q/2021 which resulted to 10% OEE uplift in comparison to the first 3 quarters of 2021.
- Supervised the plant operations, monitored and improved efficiency, throughput, quality, and safety of the organization, ensured daily, weekly, and monthly reporting of KPI, planned and organized production schedule and manpower
- Ensured that the equipment setpoint and standards are maintained and that all machines are operated at its optimum setting
- Driven opportunities for improvement and focused improvement projects to lower cost, lower waste and increase productivity
- Cascaded and implemented run strategies and projects to the management and production teams
- Driven proactive RCA (root cause analysis) of all production/safety related losses
- Ensured personnel compliance to company rules and regulations, safety/quality protocols, SOPs, production agreements, etc.
- Responded to equipment breakdowns by activating engineering technicians and contractors, ensuring resumption of operation at the soonest possible time, at highest safety levels, and of reasonable costs
- Identified reporting personnel skill gaps, craft training plans, monitor development of all reporting personnel

## SKILLS

LEAN Six Sigma

Cost & Waste Reduction

Process Improvement

Project Management

Staff/ Training Development

Strategic Planning

Product Design & Development

CAD | Solidworks | Inventor

ISO Standards

Manufacturing Operations  
Management

Supply Chain Management

QHSE Management

TQM (Total Quality Management)

Root Cause Analysis

CAPA (Corrective and Preventive  
Actions)

SPC (Statistical Process Control)

TPM (Total Productive  
Maintenance)

## ACHIEVEMENTS & AWARDS

Passed the Mechanical Engineering  
Licensure Exam - Philippines, Nov.  
2004

## COURSES / TRAININGS

Lean Foundations (LinkedIn  
Learning - Project Mngt. Institute),  
Dec. 21, 2021

Sig Sixma: Black Belt (LinkedIn  
Learning - Project Mngt. Institute),  
Dec. 10, 2021

Operations Management  
Foundations (LinkedIn Learning -  
Project Mngt. Institute), Dec. 10,  
2021

## **SOEX Processing Middle East - U.A.E. (Materials Recovery & Recycling)**

*Jul. 2018 - Mar. 2019*

Production Manager

- Oversaw production and inventory, proposed CAPEX for new equipment and machineries, scheduled repair and maintenance of machines and facilities.
- Developed KPI system, monitored employee productivity, reporting to the Managing Director.
- Streamlined processes in production and logistics, implemented FIFO in material consumption and clearance of finished goods, improved production process flow by implementing KANBAN pull system.
- Lead production, maintenance, and quality supervisors to achieve goals and target.

## **Bonar Emirates Technical Yarns Industries/ Mattex - U.A.E. (Plastics)**

*Jun. 2013 - Aug. 2017*

Principal Process Engineer (Process Technology Head)

- Lead and motivated production supervisors, directed staff development initiatives to maximize productivity and revenue potential through systematic training.
- Oversaw acquisition transition of the company from Low & Bonar PLC to Mattex Group, managing employee turnover.
- Planned and executed process improvement initiatives in collaboration with R&D department.
- Developed KPI system in line with Mattex Group's standard, reporting to the General Manager.
- Administered daily operations to ensure policies were adhered to and understood by employees, improving efficiency, quality, and safety of the organization.
- Developed KPI system, ensuring the process works at optimum level, to the right rate and quality of output, in order to meet the supply needs, reporting to the General Manager.
- Investigated complaints, incidents, failures, & violations of a quality, safety, and regulatory nature, conducted FMEA in mitigating risk.
- Developed CAPA work plans and performed Root Cause analysis to address deficiencies noted in facility and field observations, reducing the waste from 5.8% down to 4.8%.
- Worked with the General Manager in P/L analysis. In the absence of the General Manager, attended the management meetings, reporting sustainability and continuity plans to the business directors.
- Developed work instructions and processes in line with ISO9001 and ISO14001.
- Prepared & organized documents, and scheduled regulatory agency inspections for QHSE audits and ISO certifications.
- Lead production, process, & quality supervisors, and QC laboratory staff, worked with R&D, in improving existing products and developing new products (NPI/NPD).

## **Red Sea Housing Services FZE (Construction)**

*Mar. 2013 - Jun. 2013*

Estimation Engineer

- Prepared MRP (Material Requirements Plan), Work Orders, and BOM (Bill of Materials) covering all details and scope of a project.
- Provide production support in the area of design verification, assembly and testing.

Abu Dhabi Occupational Health and Safety Practitioners Course (Abu Dhabi Vocational Education and Training Institute), Dec. 7-8, 2015

3DS Solidworks Course (Phil-Nippon Training Center), Feb. 11, 2008 - Mar. 8, 2008

AutoDESK Inventor 11 Course (Micro CADD Technologies Co., Inc.), Mar. 3, 2007 - Apr. 14, 2007

## Hitachi Plant Technologies - Japan (Engineering)

*Aug. 2008 - Aug. 2011*

Design Engineer

- Generating detailed drawings of mechanical components and machine elements for static and rotating equipment such as industrial pumps, compressors, pressure vessel, and other industrial machinery for production/ manufacturing and assembly.
- Implementing design computations and tolerance standards for metal sheet/ plate and pipe bending, welding and machining processes in accordance with Engineering Standards.
- Worked closely with the production team and engineering management team for component obsolescence, yield issues, manufacturing problem resolution, drawing updates, field failure analysis focusing on root cause and corrective action. Provide production support in the area of design verification, assembly and testing.
- Analyze, observe, and understand product designs, process specifications, and manufacturing procedures.

## Philippine Batteries Inc. - Philippines (Automotive & Chemical)

*Feb. 2005 - Feb.2007*

Production Engineer

- Supervised the plant operations, monitoring and improving efficiency, throughput, quality, and safety of the organization, ensuring daily, weekly, and monthly reporting of KPI, planning and organizing production schedule and manpower.
- Ensured the effective implementation of daily, weekly and monthly preventive maintenance program schedule to all machine equipment at production in accordance to the ISO/TS 16949, ISO9001, and ISO14001 standards.
- Participated and implemented KAIZEN and cost reduction projects.



## PROJECTS

### SOEX UAE Capacity Expansion 2019

Increased the daily plant capacity by 62.5% through expansion project, increasing the daily throughput from 40T to 65T within 6 months. Directed staff training, increasing headcount from 200 to 350, planned capacity increase up to 90T on the succeeding months of the fiscal year.

### Commissioning of 2 Extrusion Lines 2016

Commissioned 2 film (plastic) extrusion lines, increasing the plant capacity by 52% in Bonar Yarns (now Mattex).

### Monofilament Extrusion Productivity Increase 2016

Increased the productivity of monofilament (plastic) extrusion by 40% in Bonar Yarns (now Mattex) without additional machine or manpower, but through production line machine modification.

### Lean Training Program

Implemented the Lean training program in Bonar Yarns (now Mattex), trained 200 employees in Lean principle, resulting to 40% setup time reduction.

### **Sustainability and CI Projects**

Spearheaded the sustainability and continuous improvement projects in UAE and Scotland facilities of Bonar Yarns (now Mattex), resulting to more than €1M savings.

- Recycling of polymer (monofilament) waste, dramatically reducing the cost on raw materials.
- Waste reduction through additional process control (waste sensor installation).
- Replacement of in-house usage of carton tubes with steel tubes, dramatically reducing the cost on tube procurement.
- Replacement of carton box (for packaging) with stretch film/ wrap, reducing the cost on packaging materials.



### **PROFESSIONAL REFERENCE**



Available upon request.