Total 8 Pages

Curriculum Vitae

For Emidio De Jesus (Manny)

I am a Quality Assurance & Continuous Improvement Practitioner and profess the use of Kaizen as a methodology for improvement based on the 20 keys for Workplace Improvement & Lean Dynamics.

0824604277
romanosilva64@gmail.com

Updated: 4.2025

I Have a Passion for Quality Improvement

Personal Information:

Full Name: Emídio De Jesus (known as Manny)

Telephone: 0824604277

E-Mail: romanosilva64@gmail.com

Education:

1. N.H.D. Mechanical Eng. (T4 Wits Tech.1986)
2. NTC 5 Electrical / Mech. Eng. (With Distinctions 1982)
3.City & Guilds of London Quality Control (1988)
4. STD.9 Allan Wilson High School Zimbabwe (1981)
5. Portuguese STD.8
6. Maintenance Planning (August 2007)
7. Course In Lean Dynamics – Continuous Improvement

Additional:

* Quality Control Certs Parts 1, 2 & 3
- The Louis Allen Leadership and Management Program.
- Was A Senior Member of SA Society for Quality
- I profess the use of Continuous Improvement as a methodology for improvement based on the 20 keys for workplace improvement & lean dynamics.

Computer Literacy:

1. Windows
2. Maint. Pro Version. 3.0 (Maintenance Programme)

Language Fluency:

1. English
2. Portuguese
3. Understands A Little of French & Afrikaans

Experience Summary

I have over 40 years professional experience in the quality field, with experience in:
Quality Management
Compilation of QCPs and complete QA data books in accordance with manufacturing projects.
Quality assurance and control
ISO 9001 implementation
Quality awareness training of existing staff, and quality, operating management and product knowledge training of new staff.
Analysis techniques
Process Improvement Techniques (Lean Manufacturing)
Total Quality Management (TQM)
Holistic Total Preventive Maintenance (TPM)
Continuous improvement (Kaizen)
20 Keys (Lean) Implementation

Computerized (paperless) system
Implementation of SANS 3834-3 Management welding System.
AWS D1.1
AWS D1.6
AWS D14.
Welding Procedures and Specifications
Documenting and addressing ISO 45001:2018 Occupational Health & Safety Management system.

Also Experience in:
Work study
Departmental (Operating) Management Systems
TPM and Preventive Maintenance Planning, analyses and actions.

Completed Courses:

Quality practitioner
NTC 5 (mechanical + electrical)
National Higher Diploma Mech Eng. T4 (Wits)
City & Guilds of London QA
Quality Courses
Management Courses
Maintenance planning course
Computer Courses
Process Optimization - Lean Manufacturing - 20 Keys
ISO 9001 Implementation
I was a Senior Member SA Society of Quality
Course in how to work with different cultures.

Comprehensive Employment History

Company:	**Andrew Mentis Pty Ltd (TA Mentis Africa)**
Industry:	Steel-Light/ Medium Eng.
Period Employed*:*	1.4.1992 -31.3.2025
Positions Held*:*	Quality & Continuous Improvement Manager, then QA Consultant
Reported To*:*	Managing Director, Engineering Director / Executive then Technical Manager

I was employed by the biggest grating company in the Southern Hemisphere, which has been operating since 1950, in the capacity of Quality and Continuous Improvement Manager, then QA Consultant. I was with this company for 33 years.

In 1993, I implemented ISO 9001 Quality Management System (QMS). This company had no QMS, i.e. no formalized procedures, work instructions, controlled drawings, purchase specifications etc. I

established a working team, and through it, Quality and Management Operating Systems were drafted, edited, approved, implemented and entrenched.

I listed the company, with the SABS, after a period of 1 year, this highly successful, now an international company, has a manufacturing area of 62 000 sq m, a wide product range, has three branches and produces for the local and international markets.

My achievements within Mentis were numerous; I successfully reduced customer complaints from about 20 per month in 1992 to a monthly average of two per month. I successfully transferred the responsibility for product quality to manufacturing, which is where it belongs, thus reducing the cost of manufacturing by strengthening prevention activities.

I always consider the bottom line.

I conducted Work Study exercises in various depts., and improved process flow; reduced red tape i.e. removed unnecessary documentation and non-value processes. I assisted in implementing a Kan-Ban system in the Stores, systems to control Night Shift work, Subcontractors, Equipment Inventory, various safety procedures, Equipment Lockout, a HIRA System (Hazard Identification and Risk Assessment), etc.

I developed new products to consume excess (scrap) materials.
I led a campaign to improve 'Internal Communication' and departmental relationships based on the 'Internal Customer / Supplier Relationship' concept.

I was instrumental in the compilation and implementation of a Total Preventive Maintenance system (TPM). This concept gives production (machine operators) ownership and responsibility for their equipment, i.e. checking oil levels, noises, vibrations, condition monitoring through product quality, and recording this information on checklists, etc. This, together with routine Preventive Maintenance inspections, increased equipment life and reliability (reduced machine downtime).
I compiled a programme and oversaw the training of all shop floor personnel on TPM.

(This implementation, at the time, was so successful that Wits University conducted studies on it, for their TPM courses.
For me this was a great achievement).

I am a Quality Practitioner with a wide experience, and have implemented every aspect of quality, from 'Quality Awareness Training' to Internal Quality Auditing.

I also developed a preventive maintenance system, this involved:

- Routine 'Preventive Maintenance Planning' by means of a computer programme, and the issuing of Works Orders, this depending on breakdown frequency analyses.
- Monitoring the Works Order work completion.
- Compiling machine history.
- Continuous analysis of machine breakdowns, (detailed with graphics) and the recommendation of corrective actions with the aim of eliminating frequent breakdowns

- The determining of Preventive Maintenance frequencies from the MC breakdown analyses.
- The compiling of machine maintenance instructions from experiences gained during the maintenance operations.
- Monitoring of maintenance personnel performance by means of job card analyses.
- Monitoring of work on a daily basis.

Through the above, I achieved a 40% reduction in maintenance repairs to machinery, for me this was another great achievement.

With regards to Continuous Improvement and Process Optimization:

1. I ensured that processes were continuously reviewed (as per schedule, each supporting department is also a process, shop floor process reviews included studying the process, looking for bottlenecks, time studies, elimination of wastes, all waste as per the 8 lean manufacturing wastes, value stream mapping, etc.).
2. Monitoring TPM to ensure that it was working efficiently, ensuring that the link between operators and preventive Maintenance personnel was maintained (ensuring that there was effective communication between machine operators and servicing personnel and ensuring that production departmental management was also involved.
3. Ensuring that TPM was implemented for all the equipment which had been identified as critical for manufacture.
4. Initiating, and monitoring improvements in areas which have been identified through:
    a. data analysis
    b. product non conformances
    c. system non compliances
    d. customer complaints
    e. quality audit findings
    f. internal surveys
5. I lead the implementation of the 20 keys as a long term (3 – 5 years) project in the company.
6. Continuous data analysis
7. Assisted in identifying development and training needs in conjunction with the HR Dept.

I improved output on the slitting lines from a daily 24 tons to a daily 66 tons, this was achieved through the use of lean manufacturing tools i.e. process analyses and improvement through value stream mapping, quick change over technology, operating team ideas, etc.

I optimized the fabrication process again through value stream mapping, i.e. improving process flow, identifying and removing wastes, changing priorities within the department, and repositioning some work stations

Three quality inspectors and a quality auditor reported to me, this was later reduced, with the senior inspector being trained to conduct both final QC inspections and Quality audits.
I also trained the machine shop inspector to control the equipment calibration system,

Further, I trained and assess all new employees (staff), on product knowledge and on the appropriate Quality and Operating Systems applicable to their department, this had to be done to ensure process continuity and efficiency with the end result being full customer satisfaction.

As an update to this CV I have also performed and gained experience on the following:

- The computerization of the Quality & Operating management system with the goal of achieving a paperless system.
- The complete implementation and entrenchment of a welding management system in accordance with SANS 3834-3. The training and qualification of welders to AWS D 1.1/6 and 14.1, including welding procedures and specifications.
  This allowed the company to repair and build its own lifting equipment, and make repairs to columns and other structures,
- The compilation of the manuals addressing the Occupational Health and Safety Management system in accordance with ISO 45001:2018.

Other Companies Which I Worked for Were:

Name of Company: **GEC Switchgear Co. (Knights Germiston)**

Industry: Heavy Electrical Control Gear.

Period Employed: January 1983 - July 1989
Position held: Trainee Mechanical Engineer / Chief QC Inspector
Reported To: Training Officer / Quality Assurance Manager

This company was taken over by Alstom (Knights Germiston Site).

Responsibilities:

I was given a bursary to study Mechanical Engineering at Wits Technikon on a six-year contract. I obtained My T4 Mechanical Engineering Higher National Diploma in four years, and completed two years practical training.

During this period, I gained a wide range of practical experience in this organization's fine factories and departments this included:

- GEC Foundry (Springs based).
- Work Study and Industrial Engineering (one year): The implementation of "Just in Time" (JIT), Kitting and Kan-Ban Systems.
- Production Planning and Control (MRP 3)
- Sales and Contracts.
- Drawing Office and Design.
- After Sales and Maintenance.
- Product Development
- The Production of Switch Gear.
- Electrical Testing and Assembly of Switch Gear Units.
- Quality Control.
- Metal work in the apprentice training center (based in Benoni).

After four years, I was transferred to the "Instrument Transformer Division" as QC Chief Inspector. My task was to implement SABS 0157 part 2. I implemented this successfully, and then after a time left the company, as I started a family and wanted to improve my career prospects and life condition.

Name of Company: **Electrical Protection Co. (now Crabtree –in Wadeville)**

Industry: Earth Leakage Protection.
Period employed: 1989-1992.
Position held: Quality Officer.
Reported to: Quality Assurance Manager (Mr. John R. Haw)

This company is now known as Crabtree.

Responsibilities:

- The implementation of ISO 9002.
- All aspects of Quality Assurance and Control including:
  - *Product quality plans.
  - *Process control.
  - *Internal and supplier audits.
  - *Analysis of production processes and recommendations.
  - *Compilation of all QMS and associated documentation requirements.
  - *Analysis of customer complaints (root cause analyses – 5y's) and resolutions.
  - *Quality awareness reinforcement and procedure training.
- Three quality inspectors reported to me.

A Final Word

I profess the use of Quality & Continuous Improvement as a methodology for improvement based on the 20 keys for workplace improvement and lean dynamics. In today's competitive world with rising overheads & increased competition, lean and kaizen (continuous improvement) are the way to go if a company wants to stay ahead and increase profits.

My greatest pleasure is to see improvements on a company's bottom line due to my efforts of holistic quality improvements.

E.R.S DE JESUS
0824604277
romanosilva64@gmail.com

I Have a Passion for Quality Improvement.