

Marcos Palacio

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Mechanical Engineer/World Class Manufacturing / Operations and Process / Data Analytics

Professional Experience:

STELLANTIS N.V. -MOPAR - Michigan

Jan 2021 - Actual

Standards Deployment

- Strategic planning support and documentation for Supply Chain Direction and Senior Leadership
- Maintained executive reports, presentations, and operations reviews.
- Monthly Supply Chain KPI consolidation and deployment
- Drive rapid expansion of standards and utilization of methods and tools for Continuous Improvement methodology

KEY INDICATORS:

- **Response Layered Audit Coordination** Database, Dashboard Monitoring Scorecard +14,000 checks across 24 PDCs.

STELLANTIS N.V. -MOPAR - Michigan

Jan 2020 – Dec 2020

WCL Central Team Pillar Lead

- Responsible for providing support to plant managers and WCL pillar leads at multiple distribution centers locations to develop the WCL route map and the day to day implementation of systematic steps and focused kaizen to achieve planned levels of performance.
- Lead the distribution center pillar leads in their daily management of required pillar steps, goals and objectives including labor productivity.
- Organize kaizen events to identify and eliminate waste within the distribution centers

KEY INDICATORS:

- **WCL for Regionals Parts Distribution Centers-** Expansion across network of WCL Methodology
- **Control performance and standardization** through creation of Central Team Database and Implementation Scorecard.

FCA US LLC -MOPAR - Michigan

Oct 2019 – Dec 2019

Operations Manager 2nd Shift / Logistics and Customer Service Pillar Lead

- Overseeing the daily operations to ensure the accomplishment of the performance to satisfied customer perception of our organization ability to serve them.
- Deliver a world class customer experience through the most cost-effective supply chain founded upon the total synchronization of all functions that collectively support an accurate material flow.

KEY INDICATORS:

- **Pillar Score 3-** WCL Audit- Bronze Warehouse
- **LCS Projects implementation** with \$1,137,617 on Savings and 13% Lead Time reduction

FCA US LLC -MOPAR - Michigan

July 2017 – Oct 2018

Supervisor - Warehouse Outbound Unit Leader/ Focus Improvement Support

- Responsible for lead, overseeing and develop highly functioning work teams in daily activities under FCA Leadership Principles in a World Class Logistics (WCL) - Warehousing facility.
- Complete operations plan and goals by setting processing variables; scheduling and assigning personnel, applying the principles of WCL Methodology to reduce the waste in process. Develop Continuous Improvement projects and Kaizen.

KEY INDICATORS:

- **Kaizen for Reduction of NVAA**, in the form of Tentative Placement plaguing the pickers in the HBA Bin Trans Order process saving \$30,500 in Labor
- **Kaizen North Dock Travel Reduction Project** to eliminate the excess of time and cost related with travel activity in the loading process at North Dock saving \$120,000, one operator reduced, 41% of reduction in traveling, 19% of reduction in loading time.
- **Increase in Dealer Business Sorting Productivity** in 20% by standardization of process through the workload balance and implementation of Workplace Organization Methodology, reducing manpower and one work station.

FCA - Venezuela

July 2016 - January 2017

World Class Manufacturing Lead

- Coordinate all World Class Manufacturing activities of FCA Valencia Assembly Plant with focus in the reduction of wastes and losses within Manufacturing and Supply Chain process through the joint management with the Director of Manufacturing and reporting to the WCM Latam Central Team
- Develop WCM Master Plan and strategies involving all operators, engineers, supervisors and managers to ensure adequate progress through the implementation of the methodology and WCM Audit Systems.

KEY INDICATORS:

- **Expansion of WCM:** Cover 97% of areas and machines AA-A applying step 1,2,3 of S, AM, WO, LCS, Q and PM Pillars develop more than 75 training involving 1025 workers in the methodology and leading 15 facilitators in the theory.
- **Saving of the Perimeter Manufacturing Cost:** Coordinate the development of 141 projects for different Pillars based on the prioritization of cost achieving the saving goal of 12% of saving more than 112,000,000 VEF
- **Internal WCM Audit:** Lead the audit process of the methodology in technical and managerial pillars reaching 40 points in the plant.

FCA LLC - Venezuela

November 2014 - July 2016

Trim- Chassis- Final Assembly Production Supervisor

- Supervised 148 operators and created strategies to meet production program goals fulfill customers' needs and to reach the highest level of productivity and quality in Trim Operations under a union environment.
- Improved efficiency of production methods in relation to used resources, cost control and timing to identify sources of waste in manufacturing system to increase departmental efficiency.

KEY INDICATORS:

- **International Support- Launch of M1 Model in Brazil- Workplace Integration (WPI):** Assigned for six months to Jeep Assembly Plant in Goiana, Brazil to support new launch and WPI activities.
- **Elimination of downtime for oil-transmission-filling equipment in Forza BK Model assembly process:** Coordinated improvement project associated with elimination of filling downtime in BK Units, leading a multifunctional quality, maintenance and production team, savings 865,362.50 VEF by reducing human error.

FCA LLC- Venezuela

July 2013-November 2014

Methodology Supervisor/ WCM Plant Specialist

- Responsible for internal audit processes and sustainability of procedures and operational controls to ensure system maintenance, guaranteeing operation according to corporate guidelines, coordinating Quality Management Systems (ISO 9011, ISO 14001 and ISO 50001).
- Lead World Class Manufacturing (WCM) methodology and Environmental and Energy management systems, reducing expense budget by 3% through the implementation of Kaizen projects and implementing training programs involving 900 workers during 2013-2014.

KEY INDICATORS:

- **ISO 14001, ISO 9011 and ISO 50001 Certification:** Upgraded and implemented quality assurance standard, making FCA Venezuela the first plant in the country to certify ISO 50001 (Energy Management System) in 2014. Auditor TUV.
- **Environmental and Energy Cost Deployment:** Identified environmental and energy losses and waste; coordinated improvement projects, with total benefit of 5,464,346 VEF per year.
- **WCM Continuous Improvement Projects by Pillar:** Execution and implementation of improvement projects involving more than 250 operators and focusing on reduction of plant's main losses with \$220,000 of savings per year.
- **International Support - World Class Manufacturing Specialist (WCM).** FCA-FIASA Betim, Minas Gerais, Brazil. Expansion Methodology on Fiat Assembly Plant through "Training Trainers Program- Difusores"

Chrysler LLC - Venezuela

May 2011 – July 2013

Environmental Management Engineer

- Ensured compliance with federal, state, provincial and local regulations, as well as Corporate Policies and Procedures.
- Planned and control maintenance activities of Wastewater Treatment Plant and Facilities Engineering.
- Pillar-leader of Environmental Management in development of the WCM methodology (World Class Manufacturing).

KEY INDICATORS:

- **ISO 14001, ISO 9011 and ISO 50001 Certification:** TUV Auditor: Represented Chrysler-Venezuela in follow-up processes, Environmental Management Certifications and Quality Management for the years 2011, 2012, and 2013.
- **Winner of Environmental Leadership Award-Chrysler L.L.C. 2013:** First place in "Extraordinary Environmental Efforts" category for Children's Foundation (FUNDANA) industrial plastic waste reduction project
- **Runner-up of Environmental Leadership Award-Chrysler L.L.C. Year 2011:** Runner-up in "Extraordinary Environmental Efforts" category

José Antonio Paez University/ CEUJAP– Valencia, Venezuela

December 2014 –May 2017

Program Lead/Professor of Process Engineering Program

- Coordinated Graduate Training into academic cycles.
- Facilitated Continuous Improvement, TPM, Management Systems and Production Engineering in class and online environments.

KEY INDICATORS:

- **567 students graduated** from the Process Engineering Program in four academic cycles (920 hours).
- **Methodological tutor in 115 projects** for improvement of industrial processes in manufacturing and service areas.
- **Coordinate "Engineer Innovation Events"**, developing management, engineering and technological sessions at José Antonio Paez University/CEUJAP, taking part in more than 350 projects with 1,100 undergraduate students.

Education

- **Certificate in Data Analytics and Visualization** - University of Michigan State, Michigan 2022
- **Master Science Engineer in Industrial and Manufacturing- High Distinction-** University of Michigan-Dearborn, Michigan 2020
- **Alpha Pi Mu Lifetime Member:** Conferred recognition upon the Industrial Engineering student for showing exceptional academic achievements, interests and abilities in the field.
- Member of the Society of Collegiate Leadership and Achievement for outstanding performance in Engineer field at University of Michigan-Dearborn.
- **Master of Business Administration- High Distinction-** Lawrence Technological University, Michigan 2020
- **Beta Gamma Sigma Lifetime Member:** Recognition business excellence for outstanding scholastic achievements at top 5% performance at business programs accredited by the Association for Advancement of Colleges Schools of Business (AACSB).
- **Mechanical Engineer**-University of Carabobo, Venezuela 2009
- **Harvard Management Mentor Training-** 14 Trainings completed
- **World Class Manufacturing Specialist (WCM),** FCA-FIASA Betim, Minas Gerais, Brazil
- **Internal Auditor ISO 9001 and 14001,** Bureau Veritas, Venezuela
- **Graduate Certificate** -Jose Antonio Paez University (CEUJAP) -Venezuela 2009-2014
 - **Process Engineering**
 - **Continuous Process Improvement and Lean Manufacturing**
 - **Industrial Operations and Management.**

Strengths

Software: Autocad, Solid Works, Microsoft Office, MQAS, Management System Procedure (MSP), Balance Score Card System (BSC), SAP, AMPS, EBOM System, Lotus Notes, AVROS, Moodle, Dview IBM, CATS. Python, PostgreSQL, Pandas, Machine Learning, Tableau, JavaScript, RHTML5/CSS, API interactions, Tableau, Git/GitHub

Languages: Spanish-Native Language. English-written-spoken-The Language College Institute (2015), English Language Proficiency Program (ELPP) (2017) University of Michigan Dearborn. Basic Portuguese.