



BRENDA LOZANO SÁNCHEZ

ENGINEER IN MECHATRONICS

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EDUCATION

2016-2021 Instituto Tecnológico y de Estudios Superiores de Monterrey, Campus Querétaro.

Engineering in Mechatronics

- Fundación Telmex-Telcel Scholarship (2016-2021)
- Institutional Scholarship of Academic Excellence (2016-2021)
- GPA: 3.7 (9.4)

SKILLS

- SCRUM/ Agile methodology
- Project management
- Leadership
- Goal oriented
- Analytic and critical thinking
- Problem-solving
- Proactive

SOFTWARE

- ORCAD - PSPICE
- Matlab
- Inventor
- SolidWorks
- Fusion360
- Robot Studio
- Labview
- Proteus
- Power Automate
- Microsoft Office

LANGUAGES

- Spanish (native speaker)
- Advanced English
 - C1 (2016)
 - First Certificate in English (FCE)

EXPERIENCE

2021-Present: Mexican Operations Leadership Development Program
SIEMENS

- 4th Rotation: Production Support / Inventory controlling at Ciudad Juárez, Chihuahua
 - Swim Lane Diagrams
 - Mapping of diverse plant processes in order to identify and evaluate the potential failures of a process.
 - 6s Follow-up
 - Continue with launching of 6s system on the factory.
- 3rd Rotation: Project Manager at Querétaro
 - Project Manager for Dos Bocas New Refinery Project PEMEX
 - Coordination and follow-up of activities and deliveries between suppliers and factory departments for three different clients: OB Ingeniería, ICA Fluor and Techint.
 - Dos Bocas New Refinery Project: Final Data Book Delivery
 - Retrieval and compilation of documentation of five projects on a Final Data Book as requested by Samsung to claim the 10% left of the job through this delivery.
 - Document control automation
 - Automation of document control process by designing and implementing a Power Automate flow diagram resulting in an increase of efficiency of 94%
- 2nd Rotation: Operations Engineer at Ciudad Juárez, Chihuahua
 - Meter Combo Rework Inventory Management
 - Control documents implementation for the three shifts in order to properly identify and register rework material put in trucks. In charge of follow-up rework process for 10,927 pieces and daily rework material.
 - Safety Walks Follow-up Actions Management
 - Closed 69 out of 74 actions opened in previous safety walks from Load Center, Meter Combo and Switched by coordinating with EHS and manufacturing team on a recurrent meeting.
 - 400A Production Line Redesign
 - Line redesign proposal to increase daily production from 45 pcs. to 100 pcs. Identified main offenders and performed time studies in order to balance workstations.
 - 6s System Redesign
 - By understanding the initial situation, design a new 6s system for ITESA II that consists on documentation, workshops, digital content and launch plan.
- 1st Rotation: Product Engineer at Santa Catarina, Nuevo León
 - Arch chamber material cost productivity projects for MCCBs
 - Project management for redesign and material change for F-Frame, NGx and xQD arch chambers.
 - Part number reduction of operating springs for MCBs
 - Material and dimensional analysis for 15 residential circuit breaker catalogs as well as implementation of test plan to verify UL fulfillment.

2021: Intensive Training Program Trainee

ProKarma

- JavaScript training course.
- Service Now certification course.