

Personal Data

Name **André Luiz Klauberg**

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European Registration Portuguese Engineer's Order (OEP) ID: N. 81978

**Professional Experience** **Mechanical Engineer**

Company BHB Participations and Investments (autonomous consultant)

Date Nov/2019 to now

Function **Project Consultant**

Main activities Business Plan consulting and Project Management consulting services for expanding companies in South America and Portugal. Main Current Project: Industrial IoT Startup company in the Smart Manufacturing segment looking for expansion in Brazil and Europe.

Company Embraco – Household and Comercial Hermetic Compressor Solutions

Date Jul/2016 to Jun/2019

Function **Senior Process Specialist – R&D Department**

Main activities I collaborate in New Product Developing Projects as a crossfunctional Process Engineering team leader of up to 10 engineers. I've been responsible for new Manufacturing process implementations in China's plant between 2016 and 2019. The Projects were lead in a Waterfall Management Methodology and complied with APQP, EH&S and World Class Manufacturing (WCM) standard requirements. Process expertises of the team I directly lead include: Mechanical and electronical assembly, stamping, welding, machining, painting and phosphatizing, with many order product and process expertise interfaces.

Company Embraco – Household and Comercial Hermetic Compressor Solutions

Date Nov/2012 to Jun/2019

Function **Senior Machining Specialist – R&D Department**

Main activities I highlight the following achievements in this role:

- I managed a Precision Machining Technology Project in Embraco Innovation Center between 2018 and 2019. High Efficiency Product requirements involved: GD&T specification development, full Metrology solution development, (MSA), full manufacturing solution development (Six Sigma methodology IDDOV roadmap) and Process Certification according to APQP requirements;
- I took part of an Agile (SCRUM) team as the Senior Process Engineer to develop a new product for a new Market segment (2017);
- I developed and implemented a Machining Production Line to attempt High Efficiency Product Launch at Slovakia plant (2014 to 2016). The Project required a Design for Six Sigma approach, Global Suppliers prospection and high technical expertise co-development;
- I lead a crankcase machining line retrofitting in Slovakia plant (2015). The challenge was to coordinate a multinational planning and execution team (30 engineers and technicians) with the smallest budget and schedule among all similar previous retrofitting projects. We together delivered the Project beyond expectations and I received Embraco recognition as best individual Process Engineering performance of 2015;
- I've certified machining Process at Mexico plant for new line launch (2013) according to APQP standards.

Company WEG Energy Solutions S.A.

Date Apr/1999 to Oct/2012

Function **Process Engineer**

Main activities	<ul style="list-style-type: none"> • I lead a multifunctional team (5 technicians) providing more than USD 100.000 savings per year in machining improvements (2004 to 2012); • I implemented Minimal Quantity Lubrication Machining Technology in many production equipments (2007 to 2009). The Development Project reached the finals of National FINEP Technology Innovation Award in 2006; • I implemented many manufacturing process improvements through Lean Six Sigma Projects like: washing machine assembly radial clearance reduction (2011); CNC and Conventional Machining optimizations (2003 a 2010). Quality Tools like Ishikawa, Pareto, PDCA, PFD/FMEA/PCP, DOEs and other were broadly applied; • I took part in Productivity and JIT implementation Kaizens..
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Academic Qualifications

Date	2009
Qualification	Mechanical Engineering Master Degree
Dissertation Field	Manufacturing Engineering - Minimal Quantity Lubrication Machining applied to Electrical Motor Shaft Drilling and Threading
Institution	Federal University of Santa Catarina – Brazil
Date	2004
Qualification	Production Engineering Post-graduation (390 hours)
Institution	Federal University of Santa Catarina – Brazil
Date	1999
Qualification	Mechanical Engineering Graduation
Institution	Federal University of Santa Catarina – Brazil

Courses	Design for Six Sigma (Elected best Embraco Process Engineering Project in 2014), GD&T (2016)
Languages	English (Fluent), Portuguese (Native), German (Basic), Spanish (Basic)
Softwares	Minitab (Statistics), AutoCAD, SAP, Windchil PLM, Excel, EIA/ISO CNC Programming, ASANA (Project Management), Cristall Ball (Monte Carlo Analysis), Orange (Artificial Intelligence Analytics)
Linkedin	www.linkedin.com/in/engineerklauberg