

# Sandro Souza

## Electric and Automation maintenance



Phone Number: (WhatsApp)  
+55 (21) 971783616



gauchotche3910@gmail.com



<https://professorsandroead.wixsite.com/sandrobarbosadesouza>



<https://www.linkedin.com/in/sandrobarbosadesouza-automaçãoindustrial/>



Niterói, Rio de Janeiro - Brasil



## Education

- ◆ **2007-2009**  
Estácio de Sá University  
Petroleum and Gas  
Technologist Complete - RJ - Brasil
- ◆ **2014-2015**  
Centro Técnico Fluminense  
Electrician - Technical Course  
- Complete - RJ - Brasil
- ◆ **2015-2017**  
SENAI RIO  
Petroleum and Gas  
Technologist and Exploration  
and Production Specialist.
- ◆ **2020-2025**  
Cruzeiro do Sul University  
Software Engineering -  
"Undergraduate"

## Profile

Responsible for the environment and maintenance of a Fluid Heating Plant with a Heating Tower powered by natural gas, plate and shell-tube heat exchanger.

Responsible for electrical and instrumentation maintenance in general and Supervisory monitoring of the Plant in Elipse Scada software.

I Administer a certification of Professional Exams for Inspectors of Receiving, Storage and Installation of Process and Electrical Automation. Development of the test certification environment, correction of tests, development and maintenance of plant project documentation, among other activities.

# Employment History

- ◆ **Electrical and Automation Instructor**  
SENAI - Rio de Janeiro - RJ  
2011 - 2021  
**Electrical and Automation Inspector Examiner**  
SENAI - Rio de Janeiro - RJ  
2021 - Present
- ◆ **Electrical and Automation Instructor**  
Propulsive Technical School - Duque de Caxias - RJ  
2017 - Present

## Expertise Soft-Skills

- **Communication Skills:** Effective verbal and written communication abilities.
- **Decision Making:** Strong analytical skills to make informed and timely decisions.
- **Computer Skills:** Advanced in using software and tools relevant to the field.
- **Ability to Work Under Pressure:** Proven capability to maintain performance in high stress environments.
- **Creativity:** Innovative thinking to develop solutions and improve processes.
- **Teamwork:** Collaborative approach to working effectively in group settings.
- **Adaptability:** Flexibility to adjust to new challenges and changing environments.
- **Fast Learner:** Quick to acquire new skills and knowledge.

## Expertise Hard-Skills

- Qualified as an Inspector in Electrical Automation and Process Automation.
- Electrical Installation & Maintenance;
- Preventive Maintenance
- Troubleshooting Electrical Systems;
- Experience with different types of electrical equipments.
- PLC Programming;
- Electrical and Process Schematics Reading;
- Instrumentation and Control;
- Motor Control Systems;
- Knowledge of Safety Standards;
- Testing and Calibration of Equipments;
- Control Panels Design & Assembly;
- SCADA Systems.
- Improvement in installation, inspection and maintenance of EX equipments.  
(Qualified by ASET Training).

## Language Skills

- English 
- Portuguese 
- Spanish 