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SENAI TECHNOLOGY INSTITUTE OF METALWORKING

All industries rely on machinery, steel structures, equipment, engines and lines that make up the manufacturing process, not to mention their own installation and equipment maintenance. Due to the relevance and transversality of this segment, Senai's Institute of Metalworking Technology offers solutions for industries through technological consulting services, metrological services, specialized services and technological innovation.



LABORATORIES

The laboratories have the necessary equipment to do tests and simulations, among other procedures, and they are prepared to carry out field assessments (ultrasound and thickness measurements).

Central Laboratory

- Dimensional analysis
- Physical and mechanical
- Weathering simulation
- Metallography

Advanced Laboratory

- Metalworking – Senai in Pato Branco, Paraná



CONSULTING SERVICES

METALWORKING

- Product quality evaluation
- Evaluation of equipment performance
- Process optimization
- Production process layout optimization
- Audit for assessment of standard compliance
- Machinery adaptation for compliance with the NR 12 requirements

TECHNOLOGICAL INNOVATION

- Development of products (design, prototyping, 3D printing, machining, new materials or composites and computer simulation)
- Development of industrial machinery and equipment
- Additive Manufacturing - FDM/SLS



FOR FURTHER INFORMATION, CONTACT:

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