

Ivo Casagrande Júnior

Brazil - Paraná - Curitiba

cell phone +55(41)9752-3157

email - icj007icj@gmail.com

Goal

Mechanical Engineer

Summary of Skills

Professional with expertise in the area of Mechanical Engineering. It has over 20 years of experience in industrial plants. Solid knowledge in coordinating field, such as projects, maintenance, fabrication, construction, installation, inspection and resolution of static equipment. Extensive experience in the construction and assembly of pressurized air lines and other gases in general, including LPG and natural gas branching stations. Extensive knowledge in the development of operational procedures, engineering calculations, metallic and ceramic materials, machining, metal conformations, among others. Experience in the quality standards ISO 9001 and OHSAS System-18001. Knowledge of Just in Time. Job skill as a team, great interpersonal skills, leadership skills, flexibility, competence, discipline and determination. Willingness to travel.

Academic Education

Postgraduate - Work Safety Engineering - Federal Technological University of Paraná - Brazil.

Graduate - Mechanical Engineering - University of the State of Santa Catarina - Brazil.

Professional History



Petrobras

Company Oil & Gas Segment

Senior Mechanical Engineer - May/2002 - Mar./2014

- Supervision on maintenance, inspection and construction of storage tanks for oil and its derivatives;
- Tensions Assessment tank Shell through finite element through via software - ANSYS 14.7;
- Supervision on spools assembly, exchange and release of new pipes, welding and non-destructive testing;
- Monitoring of manufacturing stages as well as HP's (Hold Points) representing Petrobras on the validation of the tests mentioned in ITP (Inspection and Test Plan) for static equipment - coke;
- Oversight and approval in the manufacture and assembly of tanks, exchangers, reactors, vessels, towers, coke drums, decoking system, storage and handling of coke;
- Monitoring of hydrostatic testing pressure in the vessels of the auxiliary units of coke and its main unit in compliance with NR-13 according to current safety standards - NR'S;
- Manufacturing date-books Validation referring to static equipment added in the unit in 2900 when REVAMP / 2010 site;
- Inspection of records in compliance with NR-13 on specific questions pipe, PSV, exchanger, pot sealing and reactor;
- Consolidator technical comments on piping specialties and static equipment;
- Obtaining the approval by Petrobras on the spreadsheets specific determining the thickness for any course of tank shell second API-650;
- Comments on technical projects in the area of specialty pipe and boiler related to gasoline units, coke / HDT, Off-Sites gasoline, in addition to monitoring the construction of tanks in meeting the demands from the units under construction;
- Quantitative evaluation of mechanical components for maintenance of Petrobras's tanks in the southern region;
- Development of calculations in resizing floating roof support structures (Floating Roof);
- Monitoring the inspection of light oil products storage tanks and dark TEPAR;
- Supervision, coordination and technical guidance;
- Study, planning, design and specification;
- Assistance, advice and consultancy;
- Coordination of projects and technical service;
- Inspection, expertise, evaluation, arbitration, report and technical advice;
- Job performance and technical function;
- Teaching, research, analysis, experimentation, testing and technical disclosure;
- Budgeting;
- Standardization, measurement and quality control;
- Project Supervision and technical service;
- Technical and specialized production;
- Mounting driving, operation, repair or maintenance;
- Maintenance and installation of equipment;
- Reporting of activities for analysis.



CIA ULTRAGAZ

Company Gas Segment

Supervisor of Industrial Facilities – Aug./1998 - Feb./2001.

- Responsible for quality inspection plan for major works - ISO 9001;
- Development and implementation of the remote supply point for forklifts;
- Coordinating the installation of burners, vaporizers and LPG tanks in the southern region;
- Maintenance in vaporizers, pumps, valves, networks for hydrant and LPG compressors;
- Design and Installation of gas bases Cia. Ultragaz S/A in the municipalities headquarters Joaçada, Dois Vizinhos and Caxias do Sul.



PRAXAIR SURFACE TECHNOLOGIES

Company Industry and Production Segment

Supervisor of Industrial Facilities – Oct./1996 - June/ 1998.

- Design and installation of articulated arms and crane;
- Installation of equipment "Laser" and other supplements;
- Planning and installation of pressurized air system;
- Sizing and cooling tower facility for chillers;
- Installation and maintenance of motor-generators, compressors, chillers and air dryers;
- Design and installation of the chrome parts cleaning system.



MPE – ASSEMBLY and SPECIAL PROJECTS

Company Segment Assemblies and Projects

Maintenance Manager – Oct./1995 – Aug./1996.

- Bridge-rolling maintenance;
- Maintenance Plan Development preventive and corrective of vehicles and equipment - Sigma;
- Conservation of cranes, forklifts, generators, stationary engines and diesel truck.

Additional Information

Previous Experience

- Metallurgical Industry Horse Power – Production Manager.
- New Holland Latin American LTDA - Product Engineer.
- Yok Equipments - Process Engineer and Maintenance.

Published Work:

- Spreadsheets for the sizing tanks for storage of oil and its derivatives as API-650 - work, this, approved by Petrobras and made available to technical professionals in this company.

Consultancy:

- Consultant in Oil Storage Tanks and its Derivatives as API-620, API-650 and API-653 Standards.

Complementary Skills

- ISO 9001;
- AutoCad R14;
- OHSAS - 18001 - Petrobras;
- Material Handling - Petrobras;
- Injection Pumps Bosch - Bosch;
- Industrial Noise Control - UFSC;
- Equipment Pneumatic Festo - Festo;
- Hydraulic Equipment Vickers - Petrobras;
- Sprayers for L.P.G. - Manfab - Cia Ultragaz;
- Just In Time - New Holland Latino Americana;
- Compressors for L.P.G. Gas Phase - Cia Ultragaz;
- Flamotubulares and water tube boilers - Petrobras;
- Exchangers Surface Fixed and Floating - Petrobras;
- Finite Element - Software - ANSYS 14.7 - Petrobras;
- Welding Processes - SMAW/GTAW/GMAW/SAW - Praxair;
- Cooling towers, dry coolers and chilled water units - Praxair;
- TEMA (Tubular Exchanger Manufacturers Association) - Petrobras;
- Pumps for L.P.G. - Liquid Phase - Blackman / Corken - Cia Ultragaz;
- Tanks for storage of oil and its derivatives - API-620/650/653 - Petrobras;
- Commissioning in plants geared to the production of coke and HDT - Petrobras;
- Design, manufacture, assembly and inspection of static equipment (ASME-VIII) - Petrobras.

Language

- Portuguese
- English

➤ Further details can be measured along to my profile on linkedin.