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1. Education

Civil Engineer in 2008 by Escola Politécnica of São Paulo University and
Civil Construction Technician in 2003 by CEFET-SP
CREA 5063 03 35 94

2. Professional history

since March 2009	Vivan Engenharia S/C Ltda Partner – Concrete Structures Civil Engineer
October/2007 up to February/2009	Vivan Engenharia S/C Ltda Trainee

3. Main activities

UHE UNION Engenharia Ltda

- Drawing revisions for the Executive Design of 3 SHPPs in southern Goiás state: Irara (30 Mw), Jataí (30 Mw) and Retiro Velho (20 Mw) for Hochtief - Brasil PCHs, all of them with horizontal axis Francis turbine.
- Executive design of the Spillway and Embrace Walls of Retiro SHPP (18 MW) in São Joaquim da Barra - SP for Hochtief - Duke Energy.
- Viability and Executive Adequacy Design of the Retiro SHPP (security and energy generation capacity recovery). Recovery due to the implantation of all structures 1,5m below the design elevation, presence of joint-faults and downstream rating curve revision with increased maximum water level of approximately 3m.

ENGECORPS

- P Bridge substructure revision (10,30 m wide and 15, 20, 20, 20 and 15 m spans).

BÖHLER THYSSEN

- Structural calculation verification of Böhler Thyssen administrative building.

GEOMÉTRICA Engenharia de Projetos Ltda

- Basic structural design of Coxilha Rica SHPP (30Mw) in Santa Catarina for Eletrosul, with vertical axis Francis turbine.

CONSÓRCIO HIDROCONSULT - MWH BRASIL – TRANSPOSIÇÃO RIO SÃO FRANCISCO

- Jatí Hydroelectric Plant – concrete structures design of the Water Intake and Anchorage Block, Embrace Walls, Connection Walls and Spillway.
- Ávidos Hydroelectric Plant – concrete structures design of the Loading Chamber, Water Intake and Anchorage Block.

ENERCONSULT (ARCADIS LOGOS)

- Footbridge design composed by two prestressed precast beams, each one with 30 m span at Hélio Smidt Road – SP 019 – km 02.
- Structural Basic Design of PVE Basuca and PVE Carlos Meira Wells of CMSP Tiquatira Station



- Design quality control of railway access platform to Vale car dumper in Nacala-a-Velha port, prestressed structure, composed by precast isostatic beams posteriorly merged and subjected to seismic actions.

HIDROSTUDIO

- Executive design of "piscinão" (urban drainage reservoir) cover - 35 m diameter reservoir located at Praça da Bandeira in Rio de Janeiro, consisting of integrated slab to 11 prestressed precast beams structure to total load of 1,5 tf/m².

SOMAR

- Consolidated basic design of Ponte Branca (10,5 Mw) and São Francisco (7,0 Mw) SHPP in Mogi Mirim, Rio Pardo river, both of them in RCC with uncontrolled spillway, double Francis horizontal axis turbines and fish ladders in the Águas de Santa Bárbara region, SP state.

INTERNAL ACTIVITIES

- Elaboration of Excel programs for prestressed beams calculation (isostatic and hyperstatic with variable high and inertia);
- Elaboration of Excel programs for elastomeric structural bearings calculation;
- Participation in technical and commercial proposals development and verification;
- Participation in project planning;
- Elaboration of certificates;
- Site update.

4. Languages

- English – Advanced level – Centro Cultural Americano
- French – Basic Level – Centro de Línguas FFLCH/USP

5. Qualification

- Domain of Word and Excel softwares;
- Use of STRAP structural analysis software;
- Domain of Autocad 2D system;
- Knowledges of Microstation and Unigraphics NX CAD systems;
- Programming in CENTURA and C languages;
- Basic knowledges in HTML;
- Knowledges in MySQL database.

6. Educational activities

- Monitor of PCC2101 e PCC2102 disciplines (Drawing for Engineering I and II) at USP Escola Politécnica from 2005 up to 2006;
- Undergraduate Research ("Update of topographic equipment calibration process in the USP multi-pillar base USP") from June 2006 up to December 2008.