

Rebeca Dettmam Loss

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Academic Background

- Master's in Chemical Engineering at The Pennsylvania State University, (August/2016- August/2017 *expected)
- Bachelor degree in Chemical Engineering at Universidade Federal do Espirito Santo, Brazil (August/2007- August/2012)

Main Qualifications

- knowledge of FracCAT®;
- knowledge of PIPESIM®;
- knowledge of FracCADE®
- knowledge of Excel
- Short courses:
 - Projects management;
 - Team Building Process Engineering;
- Training courses:
 - Schlumberger Operational School, Tulsa OK-USA (Oct-Dec/2013)
 - Schlumberger Technical School, Abu Dhabi-UAE (Oct- Nov/2014) * **Top of the class**
 - Quality Health Safety Environment level 2
 - LEAN Level 2

Professional Background

- SCHLUMBERGER CANADA (April/2015 – current)
Position: Fracturing Field Engineer level 2
Location: Grande Prairie, Alberta
Description: In charge of the quality of fracturing treatment on location, coordinate material and assets on location, treatment reports, set software and run treatment schedule; ensure KSQR and QHSE requirements are being followed; mentoring new employees.
- SCHLUMBERGER CANADA (April/2014 – March/2015)
Position: Fracturing Field Engineer level 1
Location: Red Deer, Alberta
Description: coordinate material and assets on location, treatment reports, set software and run treatment schedule; ensure KSQR and QHSE requirements are being followed; mentoring new employees.
Treatment experience: Hiway®, BroadBand®, Slickwater, Linear Gel guar based, Linear gel non-guar based, Crosslinked, Delayed fluids, Foam and Nitrified treatments, and Viscoelastic fluids.
Additional: engineer in charge of Schlumberger BroadBand® technology for Red Deer district; part of LEAN team Red Deer; QSC (Quality Steering Committee) lead.
FE 1 project: Job Design, Execution, and Evaluation of Slickwater and Sapphire® VF treatments in Cardium Formation.
- SCHLUMBERGER CANADA (April/2013 – March 2014)
Position: Fracturing field engineer Trainee
Location: Red Deer, Alberta
Description: learn Schlumberger equipment used for fracturing in North America, QHSE standards, KSQR requirements, and operational procedures for Slickwater, foam/nitrified, linear gel (guar and non-guar based), crosslinked, and viscoelastic fluid systems.

- SUZANO PULP & PAPER (Aug/2010 – Aug/2011)

Position: Intern

Location: Mucuri, Brazil

Description: part of the process control team. Gathering process data and making comparison with designed parameters.

Languages

- Portuguese —Native
- English — fluent
- German — Intermediate (B1)
- Spanish — Intermediate (B1)

Additional Information

- Paper under development : Finite Element Method Applied to Simulation of Convective Drying.
- Worked as a volunteer at Fort Douglas Military Museum for 10 weeks (Jan-March/2009);
- Scientific initiation student with projects in numerical modeling of processes involving heat and mass transfer in fruits (2008/2011);
- Participations and presentations in Conferences

- LOSS, R. D.; PORTO, P. S. S.; PROVETI, J. R. C.; MUNIZ, E.P. **Modelagem matemática na secagem de frutas em camada delgada**. ENEMP 2011, Vassouras-RJ .

- Rebeca D. Loss, Isaac P. Santos; Eduardo P. Muniz; José R. C. Proveti; Paulo S. S. Porto. **Finite difference solutions for heat transfer during drying of cubic papaya particles**. iCEF11. V. 2, p.1447-1448, Athens-Greece.

- P. S. S. Porto, E. P. Muniz, R. D. Loss, I. P. Santos, J. R. C. Proveti. **Analysis of the process of heat transfer during convective drying of particles cubic of papaya**. IDS2010. V. A, p. 547-551, Magdeburg-Germany.

- LOSS, R. D.; SANTOS, I. P.; PORTO, P. S. S.; PROVETI, J. R. C. **Análise da Transferência de calor na secagem convectiva de mamão formosa (*carica papaya L.*)**. 2009-ENEMP, Campinas-Brazil;

- LOSS, R. D. ; PROVETI, J. R. C. ; MUNIZ, E. P ; PORTO, P. S. S. . **Influência da geometria na cinética da Secagem de frutas em um secador convectivo: Dados Preliminares**. 2009-ENEMP, Campinas-Brazil. Only abstract

- Journal

LOSS, Rebeca D. ; Santos, Isaac P. ; Muniz, Eduardo P. ; Proveti, José R.C. ; Porto, P. S. S. **Finite difference solutions for heat transfer during drying of cubic papaya particles**. Procedia Food Science, v. 1, p. 753-761, 2011. <http://www.sciencedirect.com/science/article/pii/S2211601X11001155>