

ROBIN FORTIER, Eng.M.Env
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Bilingual

SUMMARY OF ACHIEVEMENTS

- ✂ Known software : **ArcGIS, Matlab**, Microsoft office
- ✂ Fields of expertise : **chemical laboratory, environmental science**
- ✂ **ISO 14064**
- ✂ Many years of work experience in R&D of Rubber
- ✂ Member of Quebec Engineer Group

Professional experience

- Environmental Technician*** **2013**
Rio Tinto Arovida Aluminium smelter
Air and water monitoring
Calibrating pumps
Maintaining environmental systems for fluor and alumina dust from exhaust and urban stations (SO₂, dust, fluor sampling)
And programming Isco water sampling unit for water quality pupose
- Eureko Chicoutimi summer 2012***
Report GHG iso 14064
- Chicoutimi University*** **2011-2013**
Teaching environmental engineering
- Rubber compounder*** **2007**
VEYANCE TECHNOLOGIES INC., Québec
- Develop rubber to reduce nitrosamine
 - Create Material Safety Data Sheet of rubber product;
- Rubber Compounder*** **2001-2005**
SOUCY TECHNO INC., Rock Forest
- Project manager to develop or improve rubber compounds;
 - Optimize rubber for process management;
 - Supervise industrial process (mixing , calandaring, extrusion);
 - Check results, manage ISO 9001;

Achievements :

- Reduce heat generation of military/industrial track;
- Improve rubber/nylon adhesion, traction log durability;

Lab supervisor

1991-2001

MONDO AMERICA INC., Laval

- Develop new products, QC of incoming & outgoing materials plus inflight QC ;
- Manage ISO 9001;
- Project management;
- Technical manager;
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Réalisations :

- Create flooring for skate resistance, antistatic applications, low friction and high resilience sporting surface;
- Plan & manage ISO 9001

Assistant Production Manager(Elkhart) & Pooring Manager(Toronto) 1989-1990

CARPENTER INC., Elkhart, (Indiana) USA (1 yr) and Toronto (Ontario)(1 yr)

- Manage incoming raw materials inventory;
- In flight recipe change for polyurethane foam;
- Plan maintenance on production equipments (pumps, mixing head);

Chemist assistant

November 1986-March 1989

METKA PERMAFLEX INC., Montreal (Quebec)

- Mixing operator;
- Supervise mixing, extrusion, calandaring;
- Cost calculation;
- Production planning activities

Achievements :

- QC control for cements, rubber mix, roll cover, tank lining batches & final goods;
- Create computer software for planning of industrial activities, cost calculation of rubber recipe;
- Participate in development of rubber compounds for various applications;

- Member of Quebec Engineer Group; 1988-****
- Member of « *Chemical Society* » 2000-2005
- Poster presentation: research day at University of Sherbrooke **2007-2008-2009**;
Eastern Snow Conference **2008, 2009**;
- Participate in Rubber Division Meeting **1996, 2001, 2002, 2005** (Texas, Michigan,
Ohio, Pennsylvania, Toronto, etc.

Studies

M. Environment - Research

GIS system 2006-2010

Bachelor Chemical Engineering

MONTREAL POLYTECHNIC SCHOOL, Montréal 1982-1986

Others studies:

Design of experiment, Cincinnati, Ohio, USA October 2000

Compounding rubber, Milwaukee, Wisconsin, USA October 1994

Professional Qualities

- Observation
- Analytical
- Adaptation
- Workshop
- Creative
- Polyvalent

SOCIAL

- Jonquiere Biking club 2010-2017
- Judge expo science (volunteering) 2010-2017
- Communicator at the event « the 24 hours of science » (volunteer) 2012-2014