

Florent Truscello



Age: 34
French
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R&D Project Manager

OBJECTIVE: Project manager with international experiences, including in Thailand, I would like to bring my expertise in polymer engineering, material characterization, and packaging development for a major healthcare or medical device company.

PROFESSIONAL EXPERIENCE

01/2016 – Current **Laboratory Manager**
InS Thai - Bangkok (Thailand)

15 employees

- ✓ **Laboratory management** including equipment and staff (7 PhDs and engineers)
- ✓ **Project management** in chemistry, tribology and material sciences
- ✓ **Main technical contact for customers** (technical and financial offers, reporting and presentation of results)
- ✓ Assist the commercial team in the **business development** (SEM/EDX purchasing project)
- ✓ Ensure respect of procedures and data management

2008 - 2015 **R&D Project Manager for Haemodialysis Products**
Fresenius Medical Care SMAD - Lyon (France)

550 employees

- ✓ Project management from the definition step to the market launch of new **medical devices** for haemodialysis therapy (flexible packaging from 4L to 300L)
 - ⇒ **Savings: 50 euros per product**
 - ⇒ **200 000 treatments per year**
 - ✓ Feasibility studies and new concepts definition
 - ✓ Characterisation protocols set up according to European Pharmacopoeia standards
 - ✓ Manufacturing process definition and validation in a medical environment
 - ✓ Quality control and manufacturing procedures development
 - ✓ Training production and technical staff
- ✓ Production support, optimization of current products (plastic bags) and process (DOE)
 - ⇒ **Customer complaints reduction by 95%** through plastic film structure enhancement
 - ⇒ **Set up a fully automatic pouch making machine for gusset bags**
- ✓ Lean manufacturing: 5S, PDCA, FMEA, Ishikawa chart, task group management
 - ⇒ **Optimization of dialyser workshop, savings: 25 000 € per year**
- ✓ Specialist in polymer materials and processing
 - ⇒ **Implementation new acceptance procedure for injection moulds**
 - ⇒ **Raw materials backup definition** for injected pieces and multilayer blown films
 - ✓ Sintering process definition for polyolefin filter manufacturing
 - ✓ Characterisation of micro powder blends and porous parts

2006 - 2007 **Process Engineer in injection molding**
ESSILOR Manufacturing - Bangkok (Thailand)

2500 employees

- ✓ Technical support for production, identify quality and productivity problems
 - ⇒ **Increase in workshop productivity by 20% compared to 2006**

- ✓ Force of proposal
- ✓ Monitor material degradation by MFI measurements for regeneration rate adjustments
- ✓ Adjustments of injection parameters (DOE)
- ✓ Development of Standard Operating Procedures for maintenance and production (1500 dies)
 - ⇒ **Training on injection moulding process and maintenance (40 team members)**
- ✓ Statistical Process Control of injection workshop (110 000 parts/day - Minitab)
- ✓ Receipt and validation of 2 new injection machines

2004 - 2005

**Research Engineer at the Industrial Materials Institute
National Research Council Canada - Québec**

75 employees

- ✓ Elaboration and characterization of microporous polypropylene films in order to find an ecological and economical way to produce plastic membranes
 - ✓ Definition of the research methodology
 - ✓ Definition and development of the manufacturing process and characterization methods
 - ✓ Producing technical reports
 - ✓ Knowledge of extrusion process
 - ✓ Characterization of polymer films (DSC/TGA, SEM, WAXS, rheometer, tensile, permeability and porosity tests...)
- ⇒ **Development of a production method based on a biaxial stretching of extruded polypropylene films, understanding of the mechanism of pores formation.**

EDUCATION

**2001-2005 Master of Science in Engineering (MSE) - Plastics and Mechanical Engineering
Institut National des Sciences Appliquées (INSA), Lyon, France**

- ✓ Properties, chemistry, processing and characterization of polymers
- ✓ Production control, quality, marketing, management

**2003-2005 Master of Science Polymeric and Composite Materials
University Claude Bernard, Lyon, France**

- ✓ Synthesis and characterization of polymers and composites

LANGUAGE AND SPECIAL SKILLS

Languages French: Native
English: Full professional proficiency

- ✓ First Certificate in English
- ✓ Test of English for International Communication (TOEIC Score: 810)
- ✓ Cross cultural studies and business English (2 weeks training - Richard Lewis communications Ltd)

German: Beginner

- ✓ GOETHE

Thai: Beginner

Computer Science CAD (Solidworks, Pro Engineer), Moldflow, Minitab, DOE (Jmp) and Microsoft Office

Key skills

- ✓ Project Management
- ✓ Adaptability
- ✓ Analytical and reporting skills
- ✓ Medical devices & polymer engineering
- ✓ Driving multiple and cross-functional projects
- ✓ Efficiency to work methodically and precisely

ACTIVITIES AND INTERESTS

Sports

Tennis, skiing

Travels

South-East Asia (2007-2008), Canada, USA, Europe