

## Resume / Professional Profile

8 Years working in the steel foundry business has sharpened my knowledge of ferrous material specifications, casting design, and production variables. Extensive product development and manufacturing process definitions for a variety of materials and casting types provides an excellent metallurgical background. Failure analysis and root cause analysis for product defects and production problem solving duties are also prevalent. Further, 5 Years in a major north american pipe manufacturing company has fine tuned the business skills and metallurgical engineering skills as well as advanced quality control techniques and database design to maximize computer resource usage and time efficiency. Custom application development in MS Access and SQL server have allowed companies to excel and grow utilizing existing infrastructure and manpower yet output multiple times more work per man hour.

- Mild / Low Alloy Steels
- Austenitic Manganese Steels
- High Chrome White Irons
- High Temperature Stainless Steels
- Corrosion Series Stainless Steels Specifications
- Extensive Knowledge of ASTM / Other Material and Inspection Specifications
- Excellent Computer Skills
- Custom Database Development Skills
- Network Administration Skills (Novell)

## Professional Experience

OSM Tubular Camrose, AB

13-Jul-05 – 15-Jan-10

**Metallurgical Specialist / Tubular Quality Systems Engineer**

Supervisor – Alex Afaganis P.Eng

### Achievements:

- Developed and deployed 30 system databases and integrated with existing systems in SQL 2005. Visual basic. MS Access.

### Responsibilities:

- Responsible for all Metallurgical aspects of a ~100000 ton/year ERW line pipe and casing mill.
  - Interpret customer specification / liaison with steel mills to meet customer and regulatory specifications to ensure product compliance.
  - Liaison all API / ISO Quality system audits.
  - Maintain Quality System to API Q1 and ISO standards
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QSF, Nisku, AB

1-Nov-02 – 1-Jul-05

**Metallurgical Engineer / IT Manager / Specialist**

Supervisor – Dwight Adamic P.Eng

Achievements:

- Custom Alloy Development and Specification
- Product Development / Methodology Definitions
- Failure Analysis

Responsibilities:

- Responsible for all Foundry Metallurgical Operations
- Melt Lab Supervision / QC
- Computer Network Development and Implementation
- Custom Database Integration and Development
- Failure Analysis and Root Cause Analysis
  
- Database application programming and development. Integration to Quality systems

Quality Steel Foundries Ltd, Edmonton, Ab

2-Feb-97 – 1-Nov-02

**Metallurgical Engineer / QA Manager**

Supervisor – Dwight Adamic P.Eng

Achievements:

- Co-Development and Implementation of ISO 9002-94 Quality System
- Co-Development of Custom Manufacturing Software

Responsibilities:

- Responsible for Development and Implementation and Integration of ISO-9002 Quality system
- Alloy Specification and Customer Specification Interpretation and Integration
- Failure Analysis
- Defect Root Cause Analysis
- Computer Maintenance

Thermal Spray Industries, Ft. Saskatchewan, Ab

May-Aug '94-'97

**Shift Manager**

Supervisor – Mike Hankirk P.Eng , Dean Hansen P.Eng

Responsibilities:

- Shift Boss responsible for 5-8 man crew
- Quality control and data keeping for product reports
- Application of Thermal Spray Welding in confined spaces

## Education

University of Alberta, Edmonton. Ab

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**BSc. Engineering , Metallurgical**  
1997

## **References**

References are available upon request.