



Company: ESCO Limited  
Job Title: Process Engineer  
Location: Port Coquitlam, British Columbia  
Department: Technical  
Experience: 0-3 years in Engineering  
Open Date: February 1, 2012

ESCO Corporation ([www.escocorp.com](http://www.escocorp.com)) is a leading manufacturer of technically-rich metal wearparts and components for mining, construction, power generation and aerospace applications. Throughout the world, our employees have made ESCO the customer's choice for quality, value and speed. For nearly a century, ESCO has delivered cutting-edge products, responsive service and field-tested solutions to customers' toughest problems.

We know our strength begins with selecting the very best people to join our team. That's why we're committed to attracting, developing and keeping a diverse workforce that reflects the nature of our worldwide business.

At ESCO, we value employees who embrace challenges and thrive in a culture of continuous improvement, innovation and teamwork. We offer career opportunities throughout the world for experienced professionals, as well as direct placement opportunities for college students and recent graduates. Please read on and learn about the rewards of joining our team.

### **Our Employee Value Proposition**

Come work for a respected, award-winning industry leader making the highest quality products with the latest technology and tools.

ESCO Offers:

- An expanding global presence with opportunities for advancement, travel, and career development,
- Friendly, competent, and helpful coworkers,
- A professional work environment with strong leadership, and
- Challenging and interesting work with the freedom to make a positive impact on results.

If you think that you're up to the challenge, and you've got what it takes to be part of a world class team, apply now!

**Join Us On This Journey!**

### Job Summary:

The Process Engineer will improve processes and systems that affect the quality of our castings. The Process Engineer will take on the role of Process Variation Reduction (PVR) Champion for Port Coquitlam and will be responsible to drive PVR initiatives.

### Job Responsibilities:

- Continuously pursue internal and external opportunities for process improvements.
- Reduce process variation through the collection and analysis of data, identification of the root cause of variation, and development of corrective actions.
- Develop and maintain control procedures and audit protocols to ensure critical processes stay within acceptable range.
- Track and clearly communicate the current state of the processes.
- Work with, coach and train manufacturing employees in regard to instructions, techniques, process improvements, and the reduction of execution type variation.
- Conduct all necessary customer and vendor communications dealing with process related issues.
- Systematic problem solving on complex problems and coach across all levels.
- Responsible for foundry process performance to standard (best practice):
  - Process definition
  - Process control and metrics
  - Process training
- Working with site manufacturing and global foundry process teams, to stabilize and then improve the effectiveness and efficiency of foundry processes as measured by safety, quality, productivity and cost.
- Provide support for problem solving, defect analysis and technical investigations.
- Champion use of tools such as SPS, PVR, PDCA, DOE, FMEA.
- Support lean and process management goals.

### Requirements:

- Degree in Metallurgy, Industrial, Manufacturing or Mechanical engineering or equivalent.
- Ability to analyze and interpret technical procedures, specifications, and blueprints.
- Ability to write reports, business correspondence, work instructions, and procedures.
- Ability to effectively present information and respond to questions from manufacturing employees, peers, leadership team, and vendors.
- Advanced systematic problem solving skills using the collection and analysis of data, application of statistical methods, root cause analysis and other quality tools.
- Experience with casting and tooling design best practices, and Design For Manufacturability.
- Excellent communication skills.
- Action oriented.
- Strong computer skills (CAD, statistical software, Oracle, Microsoft Office).
- Willing to be “on call” on weekends, holidays, and for emergencies.
- Be willing to participate in continuous learning.
- Ability to travel domestically and internationally 5% - 10%.

### How to Apply:

Applicants are invited to send a resume by **Friday, February 17, 2012** including “**Process Engineer**” in the subject line of your email. Apply for this position at [arne.lorenz@escocorp.com](mailto:arne.lorenz@escocorp.com).

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