

Federation Engineering

Job Title	<i>Drafting Checker</i>
Location	<i>Calgary or Sherwood Park, AB</i>

Job Purpose

The Drafting Checker will perform comprehensive reviews and checking of various 2D drawings and deliverables primarily for the piping department. These include PFDs, P&IDs, schematics, single line diagrams, general arrangement drawings, plot plans, and construction drawing. Reporting to the Design Manager, this individual will also work closely with other drafters, designers, and other disciplines to achieve optimal project outcome. In this role, the checker should be organized, have a sharp eye for detail and be able to communicate clearly and concisely. The individual will also be responsible for ensuring quality service and positive relations with internal and external clients.

Key Duties and Responsibilities

Checking & Coordination:

- Very strong drafting skills including troubleshooting
- Receiving and reviewing mark ups and confirming completeness.
- Checking the work of the drafting team
- Assisting other departments in Federation such as Civil/Structural, Electrical, and Instrumentation with the development and checking of their deliverables when needed
- Assisting the 2D Drafting Lead in coordinating large volumes of drafting work
- Ability and willingness to approach others within the various disciplines to chase down required information
- A very thorough and meticulous approach to ensuring that all department deliverables are complete and compliant to both Federation and client standards and procedures
- Display the experience, technical knowledge, and confidence to check all department deliverables. This includes recognizing information which is missing
- Assist with the development of drafting standards

Project Management:

- Assists in the preparation of a project plan and organizes the assigned work to meet the project schedule and budget
- May be required to act as single point of contact for the clients in managing drafting programs and as-builts
- Provide input into estimates for prospective client projects

Office Leadership:

- Assists the 2D Drafting Lead and the Design Manager
- Fill in for the 2D Drafting Lead when the lead is absent
- Contribute to a dynamic workplace culture in the office
- Provide guidance and mentoring to junior staff
- Display a professional demeanor and encourage the same in the members of the department

Other duties and responsibilities as required.

Qualifications

Skills and Experience:

- Post secondary graduate in either Process Piping Design, Engineering Design and Drafting Technology, Mechanical Engineering Technology, or another equivalent program
- 10+ years of drafting and checking experience in the oil and gas or related industry: EPCM experience is an asset
- Experience working on technical projects
- Proficiency in using AutoCAD
- Proficiency in MS Office Suite programs used to create reports and documents
- 3D modelling experience in Plant3D or CADWorx is an asset
- Field or shop experience is an asset
- Valid drivers license required

Personal Characteristics:

- Ability and willingness to challenge markups and drafting decisions and point out errors and inconsistencies
- Ability and willingness to approach others withing the various disciplines to chase down the information required
- Self-starter, independent worker, dedicated, and dependable
- Decisive, willing to make well reasoned decisions and be accountable for those decisions.
- Strong communicator internally (up and down) and with clients
- Leadership skills desired: high emotional intelligence, high integrity, lack of ego (humility)

Work Environment

At Federation, we support flexible working arrangements for our team. Our hybrid work model includes three days in the office (Tuesday to Thursday) and two days of your choice, whether from home or the office (Monday and Friday). We also offer half-day Fridays to promote work-life balance.

From time to time, travel to client sites or other Federation offices may be required (up to 10%).

How to Apply

Please send your resume and cover letter to hello@federationengineering.com. Indicate the position title in the subject line of your email.

We thank you for your interest, however, only those applicants selected for an interview will be contacted.