

# Job Description

West White Rose CGS Project



SNC-LAVALIN DRAGADOS PENNECON

<b>Name:</b>	STRUCTURAL DESIGNER/ DRAFTER
<b>Department:</b>	ENGINEERING
<b>Reports To:</b>	ENGINEERING MANAGER

## RESPONSIBILITIES

Structural Designer/ Drafter (SDD) will:

- Prepare Structural/Civil drawings (2D and 3D) using AutoCAD R2018.
- Strict adherence to project Drafting Standards and Work Instructions.
- Checking drawings for technical accuracy, completeness and conformance to Client/Project specifications and standards.

## MAIN TASKS AND DELIVERABLES

- Assist engineers in developing solutions to design/construction challenges.
- Coordinate structural design work with related engineering disciplines.
- Material design experience, which may include experience in the use of structural steel, reinforced concrete, and/or industrial wood applications would be an asset.
- Routinely archive and retrieve data from electronic database for support of work.
- Must be well organized and able to work with minimal guidance.
- Perform quality checks to ensure documents reflect design intent.
- Perform site investigations and construction inspections.
- Contract administration duties such as performing shop drawing reviews, prepare site instructions, and review progress.
- Interface between construction, detail engineering and planning for preparation of job cards with regards to method and sequence.
- Ensure Structural material traceability.
- Check and ensure quality of the Structural job cards prior to issuing to construction.
- Technical and field-support to fabrication and installation sites.

## QUALIFICATIONS

- Must hold a diploma in Civil Engineering Technology from an accredited Canadian Institution.
- Must have a minimum of 5 years of experience – preferably in a mega project based environment.
- Strong understanding and proficiency in AutoCAD is required.
- Good understanding and proficiency in Navisworks, Civil 3D, PDMS, and Microstation is highly desired.
- Be familiar with current codes and standards.
- Must possess excellent oral and written communication skills.
- Ability to work in a complex, multi-discipline and fast-paced - team project environment.

**NOTE:** This job description is not intended to be all-inclusive. Employee may perform other related duties as negotiated to meet the ongoing needs of the organization.