

Job Description

West White Rose CGS Project



SINC-LAVALIN DRAGADOS PENNECON

Name:	CONCRETE MIX MANAGER
Department:	CONSTRUCTION
Reports To:	CGS CONSTRUCTION MANAGER

RESPONSIBILITIES

The Concrete Mix Manager (CMM) will:

- Be required to be on site overseeing Mix design development to make adjustments to the mix to meet the specifications.
- Required to be on site during continuous pours to check that batch quantities are within tolerances.

MAIN TASKS AND DELIVERABLES

- Required on site during trial works to ensure adjustments of mix for site specific conditions such as;
 - ❖ Pump-ability issues.
 - ❖ Concrete flow issues.
 - ❖ Issues with finishing of concrete slab surfaces.
 - ❖ Slowing/speeding up of slipform operations.
 - ❖ Make adjustments to air content based on site testing.
 - ❖ Minor adjustments to the mix based on the Construction Dept. requirements (i.e. mix too wet, mix too dry, make adjustments to set time, etc.).
- Needed on site for permanent works during continuous pours for adjusting the mix as referenced above, as well as to make adjustments for environmental conditions such as;
 - ❖ During 'hot' weather when slick lines heat up and pumpability of the mix becomes an issue.
 - ❖ Oversight of concrete temperatures based on ambient placing temperatures and thickness of the elements being poured.
 - ❖ Adjust set retarder based on curing temperatures.
- Report daily operations of the batch plant to the General Construction manager.
- Manage the Batch Plant Subcontractor with respect to ensuring there is adequate materials on site for each Pour.
- Ensure there is a daily log of everything batched from the batch plants.
- Oversee the testing subcontractor.
- Review all data/logs from the testing subcontractor.
 - ❖ Check for trends, inform SDP Construction manager, off site mix specialist, and ensure all agreed to adjustments are put in place.
- Prepare reports as required by SDP.
- Coordinate and manage the mix monitoring specialists.
- Coordinate any thermal monitoring studies.
- Work with the construction on planning and support/advise for upcoming pours.
- Ensure batch plants are kept notified of upcoming pours and that the supplier is properly prepared.

Job Description

West White Rose CGS Project



SNC-LAVALIN DRAGADOS PENNECON

QUALIFICATIONS

- Bach. Engineering Degree or Diploma Engineering Technology with at least 10 years working experience.
- A minimum of five years' previous experience in (field and lab) construction quality control testing, including experience in concrete.
- Must have thorough knowledge of engineering practices and economic principles, calculation methods, design details, international codes and standards, procedures, and specifications.
- Exceptional analytical, problem solving, planning, and organizing abilities.
- Strong interpersonal skills combined with a positive, team-oriented attitude.
- Preference will be given to those candidates with experience in fabrication and holders of recognized related quality certificates.
- Excellent communication and reporting skills.

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.