

NAV STEVENS

Grouting Project Manager

Professional Summary

Nav possesses a wide range of grouting expertise and project management. His portfolio of successful projects includes cellular grouting, thermal grouting, soil stabilization, underground mine grouting, surface mine grouting and shaft grouting.

Work History

2010 to date Multiurethanes Ltd.
Mississauga, ON

Multiurethanes Inc.
Buffalo, NY

Education

2006 – 2010 B Eng. Mechanical Engineering
M Sc. Mechanical Engineering
Birmingham City University.
United Kingdom

General Safety Certificates

- WHMIS
- Working at Heights
- Ontario Ministry of Labour Worker Health and Safety Awareness
- Ontario Ministry of Labour Supervisor Health and Safety Awareness
- Confined Space Awareness
- First Aid Training
- Basic Underground Hard Rock Mine Service Type Common Core
- Elevated Work Platform

Specialty Skills

- Chemical Grouting - Concrete crack injection, confined space injection work, hydro-power water-stop and contact grouting, specialty resins (polyurethane, epoxy, acrylamide, acrylic), water stop, void fill.
- Cement Grouting - Rock grouting (Microfine/HE Cement), Non-Shrink grout placement, concrete restoration, water testing.
- Cellular Grouting – High and low output operations
- Thermal Grouting – Specialty thermal grouting operations
- Mining – Surface and underground grouting works, shaft grouting

Types of Sites Serviced

- Surface Mine Sites
- Underground Mine Sites
- Tunneling Projects
- Hydro Electric Dams
- Shored Excavations
- Heavy Civil Construction – Bridges, Grade Separations, Culverts
- Residential Construction – Parking garages, foundations, elevator shafts
- Municipal Infrastructure – Manholes, valve chambers, shafts, pipes
- Underground Concrete Structures – Pools, Reservoirs, Cisterns
- Industrial Facilities – Refineries, Power Plants, Factories

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Selected Project Experience



Grouting Equipment Maintenance (Mississauga, ON)

Responsible for the maintenance and service of electric grout pumps, progressive cavity, and piston grout pumps for grouting operations. Provided on-site troubleshooting of grouting equipment.



Cement Grouting (Toronto, ON)

Performed microfine cement grouting and water stop operations using polyurethane resins. Provided sodium silicate grouting for soil stabilization in cross-passage tunnels in a light rail transit (LRT) line construction project.



Water Cut-off (Brampton, ON)

Engaged in an energy transmission facility expansion project performing a water cut-off operation in a tunnel shaft liner for a major utility company.



Soil Stabilization (Toronto, ON)

Assisted with a chemical grouting operation to stop quicksand from leaking through a caisson wall.