

Maqsood Hussain

GROUTING SPECIALIST

Professional Summary

An experienced grouting specialist with over 20 years of diversified, hands-on specialty construction experience. He has contributed to successfully implement highly technical grouting solutions for water inflows control, soil stabilization and concrete restoration. He has a solid project portfolio in various sectors including mining, tunneling, heavy civil and utilities.

Work History

2006 to date Multiurethanes Ltd.
Mississauga, ON
Multiurethanes Inc.
Buffalo, NY

2002 – 2006 Self-employed in the retail sector

1984 – 2002 Civil Engineer employed by several contracting and engineering companies on concrete construction project sites, Pakistan

Education

1991 BSCE – Civil Engineering
Ned University of Engineering
and Technology
Pakistan

Current Safety Certifications

- Standard First Aid CPR-A & AED
- Working at Heights
- Confined Space Entry
- WHMIS

Specialties

- Solutions for high volume, high pressure, high-temperature water inflows
- Hands on direction and site supervision for highly technical grouting operations
- Water control for underground mines
- Chemical grouting
- Cement grouting
- Cellular grouting

Technical skills

- Restoration of concrete structures, including high-performance water stops, crack injection, application of concrete repair materials
- Control of water inflows through leaking concrete structures, construction joints, expansion joints, rock fissures and shoring
- Grout Mixing and Pumping Equipment for the application of cement and chemical grouts
- Construction job site troubleshooting and training of contractor personnel for concrete repair and water control applications
- Light-Weight Cellular Grout for annular space grouting and void backfilling

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Selected Grouting Experience



Void Filling

Toronto, ON

Provided cement grouting to fill voids and cracks in concrete walls to minimize water migration at a pedestrian tunnel project jobsite.



Electrical Control Pit Grouting

Mississauga, ON

Performed injection of concrete construction joints, leaking cracks and electrical conduits at a large gas-fired electrical power station using chemical grouts.



Tunnel Grouting

Edmonton, AB

Performed on time critical sealing of leaking precast concrete tunnel segments using chemical grouts for a large municipal light rail transit (LRT) system.



Cement Grouting

Toronto, ON

Technical grouting specialist for a shaft and tunnel contractor on a high volume water stop project using cement grout and specialty additives and polyurethane grouts.