



#### EDUCATION

Associates, Electronic Engineering  
Technology  
Alpena Community College

#### CERTIFICATIONS

ACI and MCA Level I Concrete Field Testing  
Technician  
ACI and MCA Level I Aggregate Testing  
Technician  
ACI and MCA Concrete Strength Testing  
Technician

*TCG is a Stadium® and ASSHTO Certified  
Laboratory*

Mike performs many aspects of laboratory services and testing. Mike also handles most chemistry related testing. (e.g. ASTM C1152, ASTM C1218, ASTM C1524, ASTM C1702). He performs tests required to determine 'Service Life' of concrete, these tests including NT Build 492, STADIUM™, Rapid Chloride Penetration, ASTM C1556.

Mike aids in the training of lab personnel in the chemistry lab. He also repairs or builds lab equipment.

#### PROJECT EXPERIENCE

##### Tourney Consulting Group

Perform experiments (e.g. ASTM G109, AASHTO T260, ASTM C494, ASTM C1202) in accordance with ASTM and/or AASHTO standards. Cast concrete and mortar samples in laboratory and field in accordance with ASTM Standards  
Lab equipment that he uses include Calmtrix isothermal conduction calorimetry, SurCure hydration chamber, Gantners Crack rings, Mettler Toledo titrators, Germann Proove'it RCP's, Microtrac Bluewave particle analyzer.

##### Veterans Cemetery

Conducted concrete field testing

##### Kellogg Cereal Plant

Conducted concrete field testing

##### BNSF Railway

Collected field data and samples form steel corrosion.

#### RELATED SKILLS

##### In-house Research Projects and other tests

Admixture Testing  
Sealer Testing  
Strength Testing (ASTM C39, C78)  
Aggregate Testing (ASTM C29, D75, C88, C117, C127, C128, C136)