

Inspection of Grouting Activities Checklist

It is essential that the inspector be familiar with the micropile grouting activities and that he or she perform regular inspection checks. Below are some key activities that the construction crew and inspector should ensure are occurring.

Note that some specifications described in the following content may not be the same as the specifications followed by your agency. Always check with your State agency's standards and specifications when using these guidelines.

Checklist

- Prevent heaving or ground distress
- Prevent soil in bottom of hole from blowing in
- Grout as soon as possible after drilling the bond zone
- Use tremie to ensure complete filling of hole
- Tie tremie tube loose enough for removal during or after tremie grouting
- Observe suitable grout return
- Maintain a positive head at the grout holding tank
- Measure grout pressures close to the point of injection to account for line losses
- Monitor grout pressures and volumes throughout both tremie grouting and pressure grouting (if used) processes