

Installation of Reinforcement Checklist

Below is a checklist covering the key checks that an inspector and the construction staff should be regularly completing during installation of reinforcement.

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

- Verify reinforcement size, type, length, and condition just prior to insertion into the drill hole**
- Verify size, type, and condition of bar couplers**
- Ensure that the micropile contractor installs the reinforcement either before or after initial grout placement but before temporary casing (if used) is withdrawn**
- Record the total pile length and bond zone length**
- Ensure reinforcement is clean of any surface soil, oil, mud, etc.**
- Ensure that the micropile contractor inserts the reinforcement to the prescribed length without the use of force**
- Ensure that the micropile contractor takes precautions to not damage corrosion protection or centralizers/spacers during installation**
- Verify location and spacing of centralizers/spacers, and locations of couplers**
- Check attachment and intervals of centralizers and spacers**
- Ensure that the reinforcement remains centered in the borehole**
- Ensure full engagement of successive bar or pipe sections**