

1604 - HELICAL REINFORCEMENT

SECTION 1604

HELICAL REINFORCEMENT

1604.1 DESCRIPTION

This specification covers steel wire and steel bars intended for use in helical reinforced members.

1604.2 REQUIREMENTS

Provide materials that comply with AASHTO M 32 for plain, uncoated wire, or AASHTO M 31 for carbon steel bars.

1604.3 TEST METHODS

Test methods as cited in the AASHTO references.

1604.4 PREQUALIFICATION

Manufacturers desiring to provide material under this specification must be prequalified under the provisions of:

- Steel bars SECTION 1601
- Uncoated wire SECTION 1603
- Epoxy coated reinforcement SECTION 1602

1604.5 BASIS OF ACCEPTANCE

Prequalification as required by **subsection 1604.4**.

Submit for approval, to the project Engineer representative and MRC, a Type A certification (certified mill test report), as specified in **DIVISION 2600**, that governs the analysis of all bar or wire steel heats delivered to the project.

Receipt and approval by the Field Engineer of a copy of the shipping orders or invoice showing the project number, heat or lot number, steel size and quantity in the shipment.

Tag each bundle of helical reinforcement sent to the project with a plastic or metal tag which lists the plant name and the heat or lot number, or other identification tying the material to the certifications and invoices in **subsections 1604.5a.** and **1604.5b.**