

PRACTICE CERTIFICATION CHECKLIST
USDA, Natural Resources Conservation Service
Wisconsin

Fence (382) Standard Barbed Wire Fence

Program Participant Information

Name (print): _____

Contract Number: _____ Contract Item #(s): _____

Tract Number: _____ County: _____ Location: T. _____ R. _____ S. _____

Livestock Type _____

Contractor Information (If installed by someone other than participant)

Name (print): _____

- Minimum number of wire strands meeting ASTM A 121 or equivalent: (select from the following)
- 2 strand twisted 12.5 gauge steel wire minimum 2 points spaced 5 inches on center.
 - 2 strand twisted 15.5 gauge high tensile wire minimum 2 points spaced 5 inches on center.
 - Fence type as constructed meets the Fence Selection Criteria, Table 1 of the 382 Fence conservation practice standard based on the livestock types present on the site.

- Documentation of Class 3 galvanization on wire (ASTM 641 or equivalent)

- Wire Fasteners (select type and circle specific type of fastener used)

- Minimum 9 Gauge Class 3 Galvanized steel staples with barbs, 1 inch hardwood posts/1.75 inch softwood post.
- Manufacturer supplied clips or minimum 14 Gauge wire.
- OTHER (must be pre-approved by fence designer).

- Wood Post (Select all that apply)

- Red/white cedar, tamarack, osage orange, black locust (circle the type of wood used) with ALL bark removed.
- Treated Wood (provide manufacturer certification of treatment).
- Minimum 1/2 of post diameter is heartwood.
- Line post minimum diameter 4 inches.
- Wooden posts shall be a minimum of 7 feet long.
- Corner, end pull and gate assembly posts minimum 5 inch diameter.

- Steel Post

- Documentation of conformance with ASTM A702, Steel Fence Posts and Assemblies, Hot Wrought or equivalent OR verification of all of the following:
- Standard T cross-section with minimum dimensions of 1 3/8" x 1 3/8" x 1 1/8" with an anchor plate at the base and studded for wire retention.
- Minimum weight of 1.25 lbs./foot of length.
- Steel posts shall be a minimum of 5 feet long.
- Corrosion Protection: painted, enameled/baked, galvanized (circle protection type)

OTHER materials used with per-approval by fence designer (attach documentation)
COMMENTS:

Post Spacing.

- 16 foot maximum standard barbed wire fence.
- 25 foot maximum high tensile barbed wire fence.

Brace Installation

- Floating or H Brace (circle type used) placed on all corners and ends.
- Pull assembly with H Brace at a maximum of 660 feet (Number Installed_____).
- Size of brace member and installation per specification.
- Single H Brace minimum 3 foot post depth.
- Double H Brace used post depth less than 3 feet.
- Corner posts wherever horizontal/vertical alignment varies by 15 or more degrees.

Line Post Installation: (Select ALL that apply)

- Wooden posts set a minimum of 24 inches below ground.
- Backfill around non-driven posts well compacted.
- Steel posts set a minimum 18 inches below ground.

Wire Fastening (Select ALL that apply)

- Wooden Post: Top wire minimum 2 inches below post top.
- Staples driven into wood posts diagonal to wood grain and in the direction of fence pull.
- Steel Post: Top wire minimum 1 inch below post top.
- Wires attached to steel posts using manufactured clips or 2 turns of 14 gauge galvanized wire.
- All wires attached to all posts.
- Wires attached to wood posts by staples.

High Tensile Wire Installation

- Tension on high tensile barbed wire fence will be a minimum of 200 -250 psi.
- In-line stretcher placed on each wire.
- Minimum of 1 tension spring per pull of wire to gauge tension.
- Wire stapled to wood posts to allow free movement.

Wire splicing:

- Western Union splices utilize minimum of 8 wraps tightly wound and closely spaced.
- Splice sleeves with tight crimps applied with an appropriate tool.

Map attached to checklist documenting the "As Built" location of the fence by type (include a separate checklist for each fence type) including location of all corner/ end posts, gate assemblies and pull post assemblies.

Fence is constructed of "new" materials, is properly aligned to meet the intent of the practice and does not have any gaps that would jeopardize the functionality of the practice.

I certify that the Fence (382) has been implemented in accordance with the criteria of the practice standard and WI NRCS Specification 10, was installed according to the practice design and meets the documentation requirements of this checklist.

Client Certification of Practice Completion

Date

Practice Approval Rational:

Approved By Certified Conservation Planner or TSP

Date