

SUBJECT 10

SUBJECT 10: Pole or Transmission Line Construction Material

Re: Pole or Transmission Line Construction Material

Contact: Amber Parker

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Proponent: Freight Classification Development Center

Quick View

The Quick View feature is not intended to replace contextual information within this document. To understand the potential impact of the recommended changes shown here, please read the full proposal.

Subject 10: Pole or Transmission Line Construction Material

**Quick View:** Seventeen items related to pole or transmission line construction material are canceled with reference to item 160270, which is amended to provide classes based on the FCDC's 13-subprovision density scale.

- "Viz." amended
- Four Notes canceled with no further application

Transportation Characteristics Present:

- Handling ☐Yes ☒No    Stowability ☐Yes ☒No    Liability ☐Yes ☒No    Density ☒Yes ☐No

Provisions based on:

- FCDC's 13-subprovision density scale

## SUBJECT 10

Present Classification Provisions

| Item   | Description                                                                                                                                                     | Class |
|--------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
|        | <b>HARDWARE GROUP:</b> subject to item 92900                                                                                                                    |       |
| 95190  | <b>Hardware, viz.:</b>                                                                                                                                          |       |
|        | <b>Brackets, Hangers or Hooks</b> , NOI, in boxes or crates;<br>[Other Articles Listed—Not Involved.]                                                           |       |
|        | Subject to Item 170 and having a density in pounds per cubic foot of:                                                                                           |       |
| Sub 1  | Less than 1 .....                                                                                                                                               | 400   |
| Sub 2  | 1 but less than 2 .....                                                                                                                                         | 300   |
| Sub 3  | 2 but less than 4 .....                                                                                                                                         | 250   |
| Sub 4  | 4 but less than 6 .....                                                                                                                                         | 175   |
| Sub 5  | 6 but less than 8 .....                                                                                                                                         | 125   |
| Sub 6  | 8 but less than 10 .....                                                                                                                                        | 100   |
| Sub 7  | 10 but less than 12 .....                                                                                                                                       | 92.5  |
| Sub 8  | 12 but less than 15 .....                                                                                                                                       | 85    |
| Sub 9  | 15 but less than 22.5 .....                                                                                                                                     | 70    |
| Sub 10 | 22.5 but less than 30 .....                                                                                                                                     | 65    |
| Sub 11 | 30 but less than 35 .....                                                                                                                                       | 60    |
| Sub 12 | 35 but less than 50 .....                                                                                                                                       | 55    |
| Sub 13 | 50 or greater .....                                                                                                                                             | 50    |
| 95191  | NOTE—Not Involved.                                                                                                                                              |       |
| 95192  | NOTE—Not Involved.                                                                                                                                              |       |
| 95193  | NOTE—Not Involved                                                                                                                                               |       |
|        | <b>POLE OR TRANSMISSION LINE CONSTRUCTION MATERIAL:</b> subject to item 160000                                                                                  |       |
| 160005 | <b>Arms</b> , cross, insulator support, aluminum, banded to pallets, platforms or<br>skids by not less than two metal bands .....                               | 70    |
| 160010 | <b>Braces or Supports</b> , wooden pole, made from lengthwise half-sections of<br>steel pipe of wall thickness not less than ¼ inch .....                       | 50    |
| 160030 | <b>Bushings</b> , cross arm, wooden, in bags, boxes, crates or drums.....                                                                                       | 70    |
| 160050 | <b>Cable Hangers or Shields</b> , zinc or zinc and steel combined, in boxes .....                                                                               | 85    |
| 160060 | <b>Caps or Pins</b> , insulator, aluminum, in packages .....                                                                                                    | 70    |
| 160070 | <b>Cross Arm Braces</b> , wooden, metal parts attached if not exceeding 5<br>percent of entire weight .....                                                     | 50    |
| 160100 | <b>Cross Arms</b> , wooden, with braces, brackets or insulator pins attached .....                                                                              | 50    |
| 160110 | <b>Cross Arms or Cross Arm Braces</b> , wooden.....                                                                                                             | 50    |
| 160140 | <b>Dampers</b> , vibration, transmission cable, in boxes or drums.....                                                                                          | 60    |
| 160160 | <b>Ground Rods</b> , steel, copper clad, copper coated or copper plated, in<br>packages .....                                                                   | 50    |
| 160180 | <b>Grounds</b> , pole, copper, in boxes.....                                                                                                                    | 70    |
| 160190 | <b>Housings</b> , terminal, pedestal or post type, underground telephone or<br>electric wire or cable, 16 gauge or thicker steel, see Note, item<br>160192..... | 60    |
| 160192 | NOTE—Applies only on terminal housings in the shape of pedestals or posts<br>used where telephone wire or electric cable emerges from underground.              |       |
| 160200 | <b>Insulator Brackets or Pins</b> , wooden, in packages .....                                                                                                   | 50    |

## SUBJECT 10

Present Classification Provisions—Continued

| Item   | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Class |
|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
|        | <b>POLE OR TRANSMISSION LINE CONSTRUCTION MATERIAL:</b> subject to item 160000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |       |
| 160220 | <b>Insulator Caps</b> , iron, in bags, boxes or drums ..... 50                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |       |
| 160270 | <b>Pole or Transmission Line Construction Material</b> , steel, <b>viz.:</b><br><b>Arms</b> , insulator break;<br><b>Arms</b> , cross;<br><b>Arms</b> , mast;<br><b>Bands or Rings</b> , mast, pole or timber;<br><b>Bayonets</b> ;<br><b>Braces</b> , cross arm;<br><b>Brackets</b> , insulator;<br><b>Brackets</b> , insulator pin;<br><b>Brackets</b> , pole or wall;<br><b>Brackets</b> , pot head;<br><b>Gains</b> , pole;<br><b>Hangers</b> , cable or wire;<br><b>Hangers</b> , transformer;<br><b>Hooks</b> , cable rack, underground;<br><b>Hooks</b> , transformer;<br><b>Horns</b> , arcing;<br><b>Material</b> , pole or transmission line construction, NOI;<br><b>Pins</b> , insulator;<br><b>Platforms</b> , pole, KD;<br><b>Protectors</b> , cable or guy wire;<br><b>Protectors</b> , pole;<br><b>Racks</b> , cable, underground;<br><b>Racks</b> , pole, wire distributing;<br><b>Rings</b> , bridle;<br><b>Rings</b> , cable or wire;<br><b>Rods</b> , ground, NOI;<br><b>Saddles</b> , cross arm;<br><b>Seats</b> , pole, KD;<br><b>Shields</b> , grading, insulator;<br><b>Steps</b> , pole;<br><b>Straps</b> , cross arm;<br><b>Yokes</b> , insulator;<br>See Notes, items 160274, 160276 and 160278, in packages..... 50 |       |
| 160274 | NOTE—Insulator brackets, insulator pin brackets, break arms or pins may have wooden heads, thimbles or tops attached.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |       |
| 160276 | NOTE—Ground rods may have copper bolts, nuts, washers or wire attached.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |       |
| 160278 | NOTE—Racks, pole, wire distributing, may have glass or pottery insulators attached.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |       |
| 160310 | <b>Protectors</b> , cable, ground or guy wire:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |       |
| Sub 1  | Aluminum, in packages..... 85                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |       |
| Sub 2  | Wooden, with or without metal wires attached, in packages ..... 50                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |       |

## SUBJECT 10

Present Classification Provisions—Concluded

| Item   | Description                                                                                             | Class |
|--------|---------------------------------------------------------------------------------------------------------|-------|
|        | <b>POLE OR TRANSMISSION LINE CONSTRUCTION MATERIAL:</b> subject to item 160000                          |       |
| 160370 | <b>Suspensions</b> , high voltage transmission line, with steel yoke and aluminum clamps, in boxes..... | 60    |

Proposed Classification Provisions

| Item   | Description                                                                                                                                                                                           | Class                    |
|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|
|        | <b>HARDWARE GROUP:</b> subject to item 92900                                                                                                                                                          |                          |
| 95190  | <b>Hardware, viz.:</b><br><b>Brackets, Hangers or Hooks</b> , NOI, in boxes or crates;<br>[Other Articles Listed—No Change.]<br>Subject to Item 170 and having a density in pounds per cubic foot of: |                          |
| Sub 1  | Less than 1 .....                                                                                                                                                                                     | 400                      |
| Sub 2  | 1 but less than 2 .....                                                                                                                                                                               | 300                      |
| Sub 3  | 2 but less than 4 .....                                                                                                                                                                               | 250                      |
| Sub 4  | 4 but less than 6 .....                                                                                                                                                                               | 175                      |
| Sub 5  | 6 but less than 8 .....                                                                                                                                                                               | 125                      |
| Sub 6  | 8 but less than 10 .....                                                                                                                                                                              | 100                      |
| Sub 7  | 10 but less than 12 .....                                                                                                                                                                             | 92.5                     |
| Sub 8  | 12 but less than 15 .....                                                                                                                                                                             | 85                       |
| Sub 9  | 15 but less than 22.5 .....                                                                                                                                                                           | 70                       |
| Sub 10 | 22.5 but less than 30 .....                                                                                                                                                                           | 65                       |
| Sub 11 | 30 but less than 35 .....                                                                                                                                                                             | 60                       |
| Sub 12 | 35 but less than 50 .....                                                                                                                                                                             | 55                       |
| Sub 13 | 50 or greater .....                                                                                                                                                                                   | 50                       |
| 95191  | NOTE—No Change.                                                                                                                                                                                       |                          |
| 95192  | NOTE—No Change.                                                                                                                                                                                       |                          |
| 95193  | NOTE—No Change.                                                                                                                                                                                       |                          |
|        | <b>POLE OR TRANSMISSION LINE CONSTRUCTION MATERIAL:</b> subject to item 160000                                                                                                                        |                          |
| 160005 | <b>Arms</b> , cross, insulator support, aluminum, etc.....                                                                                                                                            | ⇒Cancel; see item 160270 |
| 160010 | <b>Braces or Supports</b> , wooden pole, made from lengthwise half-sections of steel pipe of wall thickness not less than ¼ inch .....                                                                | ⇒Cancel; see item 160270 |
| 160030 | <b>Bushings</b> , cross arm, wooden, etc .....                                                                                                                                                        | ⇒Cancel; see item 160270 |
| 160050 | <b>Cable Hangers or Shields</b> , zinc or zinc and steel combined, etc ....                                                                                                                           | ⇒Cancel; see item 160270 |
| 160060 | <b>Caps or Pins</b> , insulator, aluminum, etc .....                                                                                                                                                  | ⇒Cancel; see item 160270 |

## SUBJECT 10

**Proposed Classification Provisions—Continued**

| Item    | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Class |
|---------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
|         | <b>POLE OR TRANSMISSION LINE CONSTRUCTION MATERIAL:</b> subject to item 160000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |       |
| 160070  | <b>Cross Arm Braces</b> , wooden, metal parts attached if not exceeding 5 percent of entire weight ..... ⇒Cancel; see item 160270                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |       |
| 160100  | <b>Cross Arms</b> , wooden, with braces, brackets or insulator pins attached..... ⇒Cancel; see item 160270                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |       |
| 160110  | <b>Cross Arms or Cross Arm Braces</b> , wooden ..... ⇒Cancel; see item 160270                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |       |
| 160140  | <b>Dampers</b> , vibration, transmission cable, etc ..... ⇒Cancel; see item 160270                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |       |
| 160160  | <b>Ground Rods</b> , steel, copper clad, copper coated or copper plated, etc ..... ⇒Cancel; see item 160270                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |       |
| 160180  | <b>Grounds</b> , pole, copper, etc ..... ⇒Cancel; see item 160270                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |       |
| 160190  | <b>Housings</b> , terminal, pedestal or post type, underground telephone or electric wire or cable, 16 gauge or thicker steel, etc ..... ⇒Cancel; see item 160270                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |       |
| 160192  | NOTE—⇒Cancel; no further application.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |       |
| 160200  | <b>Insulator Brackets or Pins</b> , wooden, etc ..... ⇒Cancel; see item 160270                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |       |
| 160220  | <b>Insulator Caps</b> , iron, etc ..... ⇒Cancel; see item 160270                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |       |
| ⇒160270 | <b>Pole or Transmission Line Construction Material, viz.:</b><br><b>Arms</b> , insulator break, ⇒in boxes or crates;<br>⇒ <del>Arms</del> , cross;<br>⇒ <del>Arms</del> , mast;<br>⇒ <del>Arms</del> , cross or mast, in packages;<br><b>Bands or Rings</b> , mast, pole or timber, ⇒in boxes or crates;<br><b>Bayonets</b> , ⇒in packages;<br>⇒ <del>Braces</del> , cross arm, in packages;<br>⇒ <del>Brackets</del> , insulator;<br>⇒ <del>Brackets</del> , insulator pin;<br>⇒ <del>Brackets</del> , pole or wall;<br>⇒ <del>Brackets</del> , pot head;<br><b>Bushings</b> , cross arm, in boxes;<br>⇒ <del>Cable Hangers or Shields</del> , in boxes;<br>⇒ <del>Caps or Pins</del> , insulator, in boxes;<br>⇒ <del>Dampers</del> , vibration, transmission cable, in boxes;<br><b>Gains</b> , pole, ⇒in boxes;<br>⇒ <del>Ground Rods</del> , NOI, in packages; |       |

## SUBJECT 10

Proposed Classification Provisions—Continued

| Item | Description                                                                                                               | Class |
|------|---------------------------------------------------------------------------------------------------------------------------|-------|
|      | <b>POLE OR TRANSMISSION LINE CONSTRUCTION MATERIAL:</b> subject to item 160000                                            |       |
|      | <b>Pole or Transmission Line Construction Material, viz.:</b> subject to item 160270                                      |       |
|      | ⇒ <b>Grounds</b> , wire, pole, in boxes or on reels;                                                                      |       |
|      | ⇒ <b>Hangers</b> , cable, transformer or wire, in packages;                                                               |       |
|      | ⇒ <del><b>Hangers</b>, cable or wire;</del>                                                                               |       |
|      | ⇒ <del><b>Hangers</b>, transformer;</del>                                                                                 |       |
|      | ⇒ <b>Hooks</b> , cable rack or transformer, in boxes;                                                                     |       |
|      | ⇒ <del><b>Hooks</b>, cable rack, underground;</del>                                                                       |       |
|      | ⇒ <del><b>Hooks</b>, transformer;</del>                                                                                   |       |
|      | <b>Horns</b> , arcing, ⇒in boxes;                                                                                         |       |
|      | ⇒ <b>Housings</b> , terminal, pedestal or post type, underground telephone or electric wire or cable, in boxes or crates; |       |
|      | <b>Material</b> , pole or transmission line construction, NOI, ⇒in packages;                                              |       |
|      | ⇒ <del><b>Pins</b>, insulator;</del>                                                                                      |       |
|      | <b>Platforms</b> , pole, ⇒in packages;                                                                                    |       |
|      | ⇒ <b>Protectors</b> , cable, pole or guy wire, in packages;                                                               |       |
|      | ⇒ <del><b>Protectors</b>, cable or guy wire;</del>                                                                        |       |
|      | ⇒ <del><b>Protectors</b>, pole;</del>                                                                                     |       |
|      | <b>Racks</b> , cable, underground, ⇒in packages;                                                                          |       |
|      | <b>Racks</b> , pole, wire distributing, ⇒in boxes, crates or on lift truck skids or pallets;                              |       |
|      | ⇒ <b>Rings</b> , bridle, cable or wire, in boxes;                                                                         |       |
|      | ⇒ <del><b>Rings</b>, bridle;</del>                                                                                        |       |
|      | ⇒ <del><b>Rings</b>, cable or wire;</del>                                                                                 |       |
|      | ⇒ <del><b>Rods</b>, ground, NOI;</del>                                                                                    |       |
|      | <b>Saddles</b> , cross arm, ⇒in packages;                                                                                 |       |
|      | ⇒ <del><b>Seats</b>, pole, KD;</del>                                                                                      |       |
|      | <b>Shields</b> , grading, insulator, ⇒in boxes or crates;                                                                 |       |
|      | <b>Steps</b> , pole, ⇒in packages;                                                                                        |       |
|      | <b>Straps</b> , cross arm, ⇒in packages;                                                                                  |       |
|      | ⇒ <b>Suspensions</b> , high voltage transmission line, in boxes;                                                          |       |

## SUBJECT 10

**Proposed Classification Provisions—Concluded**

| Item                                                                                 | Description                                                                                        | Class                    |
|--------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|--------------------------|
| <b>POLE OR TRANSMISSION LINE CONSTRUCTION MATERIAL:</b> subject to item 160000       |                                                                                                    |                          |
| <b>Pole or Transmission Line Construction Material, viz.:</b> subject to item 160270 |                                                                                                    |                          |
| <b>Yokes,</b> insulator, ⇨in boxes;                                                  |                                                                                                    |                          |
| Subject to Item 170 and having a density in pounds per cubic foot of:                |                                                                                                    |                          |
| Sub 1                                                                                | Less than 1 .....                                                                                  | 400                      |
| Sub 2                                                                                | 1 but less than 2 .....                                                                            | 300                      |
| Sub 3                                                                                | 2 but less than 4 .....                                                                            | 250                      |
| Sub 4                                                                                | 4 but less than 6 .....                                                                            | 175                      |
| Sub 5                                                                                | 6 but less than 8 .....                                                                            | 125                      |
| Sub 6                                                                                | 8 but less than 10 .....                                                                           | 100                      |
| Sub 7                                                                                | 10 but less than 12 .....                                                                          | 92.5                     |
| Sub 8                                                                                | 12 but less than 15 .....                                                                          | 85                       |
| Sub 9                                                                                | 15 but less than 22.5 .....                                                                        | 70                       |
| Sub 10                                                                               | 22.5 but less than 30 .....                                                                        | 65                       |
| Sub 11                                                                               | 30 but less than 35 .....                                                                          | 60                       |
| Sub 12                                                                               | 35 but less than 50 .....                                                                          | 55                       |
| Sub 13                                                                               | 50 or greater .....                                                                                | 50                       |
| 160274                                                                               | NOTE—⇨Cancel; no further application.                                                              |                          |
| 160276                                                                               | NOTE—⇨Cancel; no further application.                                                              |                          |
| 160278                                                                               | NOTE—⇨Cancel; no further application.                                                              |                          |
| 160310                                                                               | <b>Protectors,</b> cable, ground or guy wire, etc .....                                            | ⇨Cancel; see item 160270 |
| 160370                                                                               | <b>Suspensions,</b> high voltage transmission line, with steel yoke and aluminum clamps, etc ..... | ⇨Cancel; see item 160270 |

**Analysis****Introduction**

Seventeen items related to construction materials for pole or transmission lines, as shown in the Present Classification Provisions herein, name specific commodities that can be difficult to interpret, apply, or verify.

**Transportation Characteristics**

**Handling, Stowability and Liability**—There have been no reports of unusual or significant handling, stowability or liability issues. Therefore, density has been identified as the primary transportation characteristic.

**SUBJECT 10****Conclusion**

Based on the foregoing analysis, seventeen items subject to the Pole or Transmission Line Construction Material generic heading would be canceled with reference to item 160270, naming "Pole or Transmission Line Construction Material," which would provide classes predicated on the FCDC's standard 13-subprovision density scale<sup>10</sup>. Concurrently, the "viz." listing in item 160270 would be amended accordingly. Additionally, this proposal would remove all the listings for "Brackets," and those commodities would be classified under item 95190. "Seats, pole" would also be removed from the "viz.," as they are believed to be obsolete.

Moreover, four Notes would be canceled with no further application.

The FCDC's Lead Classification and Packaging Analyst has reviewed the proposed minimum packaging requirements and determined they are appropriate for the LTL environment.

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<sup>10</sup> The FCDC's standard 13-subprovision density scale includes reference to Item (Rule) 170, the inadvertence clause.