Date of Issue: May 2019
Affected Publication: API Specification 5CT, Casing and Tubing, 10 Edition, June 2018

## Errata 2

## 6.1, $2^{\text {nd }}$ paragraph: The paragraph shall be changed to the following:

Pipe furnished to this standard shall be made by the seamless or electric-weld process as shown in Table C. 3 or Table E. 3 and as specified in the purchase agreement. Pup joints shall be made from the materials listed in 3.1.38. Material for couplings, coupling stock, and coupling material shall be manufactured by the seamless process. Cold-drawn tubular products without appropriate heat treatment are not acceptable.

### 6.2.3, $2^{\text {nd }}$ paragraph: The paragraph shall be changed to the following:

Grade L80 13Cr may be subject to embrittlement when tempered below $620^{\circ} \mathrm{C}\left(1150{ }^{\circ} \mathrm{F}\right)$. When all product meets the requirements in $7.3,7.4 .4,7.5 .2$, and 10.7 , no further precautions are necessary.
10.2.3: The second paragraph shall be changed to item a), and the subsequent items shall be relettered accordingly:
a) Batch heat-treated concurrently in the same heat-treatment line or equipment,
b) heat-treated in sequential loads using the same process parameters without interruption in the same heat treatment line or equipment equipped with a recording controller to provide documentation of heat-treating control through the run, or
c) individually heat-treated using the same process parameters without interruption in a continuous production run of 8 hr or less in the same heat treatment line or equipment equipped with a recording controller to provide documentation of heat treating control through the run.
10.7.3: The second paragraph shall be changed to the following:

For coupling stock, coupling material, pup joint or accessory material heat-treated in tube length, one piece from an end of each length shall be tested. Front and back ends, as processed, shall be tested on an approximate $50 \%$ basis.

Table C.2: The table shall be changed as indicated in the red boxes:

| Labels |  |  |  | Outside <br> Diameter | Nominal Linear Masses ${ }^{\text {a, b }}$ |  |  | Wall Thicknes 5 | Type of End Finish |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | 2 |  |  |  | Nonupset T\&C | Ext. Upset T\&C | Integ. Joint |  |  |  |  |  |  |  |  |
|  | $\begin{gathered} \mathrm{NU} \\ \mathrm{~T} \& \mathrm{C} \end{gathered}$ | $\begin{aligned} & \text { EU } \\ & \text { T\&C } \end{aligned}$ | IJ | $\underset{\mathrm{mm}}{D}$ | kg/m | kg/m | kg/m | $\begin{gathered} t \\ \mathrm{~mm} \end{gathered}$ | H40 | J55 | $\begin{aligned} & \text { L80 } \\ & \text { R95 } \end{aligned}$ | N80 Type 1. | C90 | T95 | P110 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| $\begin{aligned} & 1.050 \\ & 1.050 \end{aligned}$ | $\begin{aligned} & 1.14 \\ & 1.48 \end{aligned}$ | 1.20 1.54 | - | $\begin{aligned} & 26.67 \\ & 26.67 \end{aligned}$ | $\begin{aligned} & 1.70 \\ & 2.20 \end{aligned}$ | $\begin{aligned} & 1.79 \\ & 2.29 \end{aligned}$ | - | $\begin{aligned} & 2.87 \\ & 3.91 \end{aligned}$ | PNU PU | PNU <br> PU | PNU <br> PU | PNU PU | PNU <br> PU | PNU PU | $\overline{\mathrm{PU}}$ |
| $\begin{aligned} & 1.315 \\ & 1.315 \end{aligned}$ | 1.70 2.19 | 1.80 2.24 | 1.72 - | $\begin{aligned} & 33.40 \\ & 33.40 \end{aligned}$ | $\begin{aligned} & 2.53 \\ & 3.26 \end{aligned}$ | $\begin{aligned} & 2.68 \\ & 3.33 \end{aligned}$ | 2.56 - | $\begin{aligned} & 3.38 \\ & 4.55 \end{aligned}$ | PNUI PU | PNUI PU | PNUI PU | PNUI PU | PNUI PU | PNUI PU | PU |
| $\begin{aligned} & 1.660 \\ & 1.660 \\ & 1.660 \end{aligned}$ | 2.09 2.30 3.03 | - 2.40 3.07 | 2.10 2.33 | $\begin{aligned} & 42.16 \\ & 42.16 \\ & 42.16 \end{aligned}$ | $\begin{aligned} & - \\ & 3.42 \\ & 4.51 \end{aligned}$ | $\begin{aligned} & - \\ & 3.57 \\ & 4.57 \end{aligned}$ | 3.13 3.47 | $\begin{aligned} & 3.18 \\ & 3.56 \\ & 4.85 \end{aligned}$ | PI <br> PNUI <br> PU | PI <br> PNUI <br> PU |  | PNUI <br> PU |  | PNUI <br> PU | - <br> PU |
| 1.900 | 2.40 | - | 2.40 | 48.26 | - | - | 3.57 | 3.18 | PI | PI | - | - | - | - | - |
| 1.900 | 2.75 | 2.90 | 2.76 | 48.26 | 4.09 | 4.32 | 4.11 | 3.68 | PNUI | PNUI | PNUI | PNUI | PNUI | PNUI | PNUI |
| 1.900 | 3.65 | 3.73 | - | 48.26 | 5.43 | 5.55 | - | 5.08 | PU | PU | PU | PU | PU | PU | PU |
| 1.900 | 4.42 | - | - | 48.26 | 6.58 | - | - | 6.35 | - | - | P | - | P | P | - |
| 1.900 | 5.15 | - | - | 48.26 | 7.68 | - | - | 7.62 | - | - | P | - | P | P | - |
| $\begin{aligned} & 2.063 \\ & 2.063 \end{aligned}$ | $\begin{aligned} & 3.24 \\ & 4.50 \end{aligned}$ | - | 3.25 | $\begin{aligned} & 52.40 \\ & 52.40 \end{aligned}$ | - | - | 4.84 | $\begin{aligned} & 3.96 \\ & 5.72 \end{aligned}$ | $\begin{aligned} & \mathrm{PI} \\ & \mathrm{P} \end{aligned}$ | $\begin{gathered} \mathrm{PI} \\ \mathrm{P} \end{gathered}$ | Pl P | PI P | PI P | P1 P | P |
| $2^{3 / 8}$ | 4.00 | - | - | 60.32 | 5.95 | - | - | 4.24 | PN | PN | PN | PN | PN | PN | PN |
| $23 / 8$ | 4.60 | 4.70 | - | 60.32 | 6.85 | 6.99 | - | 4.83 | PNU | PNU | PNU | PNU | PNU | PNU | PNU |
| $23 / 8$ | 5.80 | 5.95 | - | 60.32 | 8.63 | 8.85 | - | 6.45 | - | - | PNU | PNU | PNU | PNU | PNU |
| $23 / 8$ | 6.60 | - | - | 60.32 | 9.82 | - | - | 7.49 | - | - | P | - | P | P | - |
| $2^{3 / 8}$ | 7.35 | 7.45 | - | 60.32 | 10.94 | 11.09 | - | 8.53 | - | - | PU | - | PU | PU | - |

Table C.24: The table shall be changed as indicated in the red boxes:

| Labels ${ }^{\text {a }}$ |  |  |  | Outside Diameter | Nominal Linear Masses b, ${ }^{\text {b }}$ |  |  | Wall Thickness | Inside Diameter | Calculated Mass ${ }^{\text {c }}$ |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Plainend |  |  |  |  |  | ass Gain Fini | $\begin{aligned} & \text { r Loss Due } \\ & \text { shing d } \\ & \text { kg } \end{aligned}$ | ond |
|  | 2 |  |  |  | $\underset{\mathrm{mm}}{D}$ | Nonupset T\&C $\mathrm{kg} / \mathrm{m}$ | External Upset T\&C kg/m |  | Integral Joint kg/m | $\stackrel{t}{\mathrm{~mm}}$ | $\underset{\mathrm{mm}}{d}$ | $\begin{gathered} w_{p e} \\ \mathrm{~kg} / \mathrm{m} \end{gathered}$ | Nonupset | External Upset ${ }^{\text {e }}$ |  | Integral Joint |
| 1 | $\begin{aligned} & \mathrm{NU} \\ & \mathrm{~T} \& \mathrm{C} \end{aligned}$ | $\begin{aligned} & \text { EU } \\ & \text { T\&C } \end{aligned}$ | IJ | Regular |  |  |  | Special Clearance |  |  |  |  |  |  |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |  |
| 1.050 | 1.14 | 1.20 | - | 26.67 | 1.70 | 1.79 | - | 2.87 | 20.93 | 1.68 | 0.09 | 0.64 | - | - |  |
| 1.050 | 1.48 | 1.54 | - | 26.67 | 2.20 | 2.29 | - | 3.91 | 18.85 | 2.19 | - | 0.60 | - | - |  |
| 1.315 | 1.70 | 1.80 | 1.72 | 33.40 | 2.53 | 2.68 | 2.56 | 3.38 | 26.64 | 2.50 | 0.18 | 0.64 | 0.09 | 0.09 |  |
| 1.315 | 2.19 | 2.24 | - | 33.40 | 3.26 | 3.33 | - | 4.55 | 24.30 | 3.24 | - | 0.61 | - | - |  |

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| $4^{1 / 2}$ | 12.60 | 12.75 | - | 114.30 | 18.75 | 18.97 | - | 6.88 | 100.54 | 18.23 | 2.72 | 5.99 | - | - |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |

Table C.34: The footnotes shall be changed as indicated in the red box:

[^0]Table C.35: The alignment shall be changed as indicated in the red box:

| Label 1 | Size ${ }^{a}$ <br> Outside Diameter $\begin{gathered} D \\ \mathrm{~mm} \end{gathered}$ | Outside Diameter |  | Min imum Length | Diameter of Recess | Width of Bearing Face, Regular | Maximum Bearing Face Diameter $B_{f}$ |  | Mass kg |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Regular | Special Clearance |  |  |  | Regular with Special Bevel | Special clearance | Regular | Special Clearance |
|  |  | $\begin{aligned} & W^{\mathrm{b}} \\ & \mathrm{~mm} \end{aligned}$ | $\begin{aligned} & W_{c}^{c} \\ & \mathrm{~mm} \end{aligned}$ | $\begin{aligned} & N_{L} \\ & \mathrm{~mm} \end{aligned}$ | $\begin{gathered} Q \\ \mathrm{~mm} \end{gathered}$ | $\begin{gathered} b \\ \mathrm{~mm} \end{gathered}$ | mm | mm |  |  |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| 1.050 | 26.67 | 42.16 | - | 82.55 | 35.00 | 2.38 | 37.80 | - | 0.38 | - |
| 1.315 | 33.40 | 48.26 | - | 88.90 | 38.89 | 2.38 | 42.77 | - | 0.57 | - |
| 1.680 | 42.16 | 55.88 | - | 95.25 | 47.63 | 3.18 | 50.95 | - | 0.68 | - |
| 1.900 | 48.26 | 63.50 | - | 98.42 | 54.76 | 3.18 | 58.34 | - | 0.84 | - |
| $2^{3 / 8}$ | 60.32 | 77.80 | 73.91 | 123.82 | 67.46 | 3.97 | 71.83 | 69.90 | 1.55 | 1.07 |
| 27/8 | 73.02 | 93.17 | 87.88 | 133.35 | 80.16 | 5.56 | 85.88 | 83.24 | 2.40 | 1.55 |
| $3^{1 / 2}$ | 88.90 | 114.30 | 106.17 | 146.05 | 96.85 | 6.35 | 104.78 | 100.71 | 4.10 | 2.38 |
| $4$ | $101.60$ | 127.00 | - | $152.40$ | $109.55$ | 6.35 | 117.48 | - | 4.82 | - |
| $4 \frac{1}{2}$ | 114.30 | 141.30 | - | 158.75 | 122.25 | 6.35 | 130.96 | - | 6.05 | - |

Table C.38: The table shall be changed as indicated in the red box:

| Grade | Material | Condition when <br> Heat-treated | Maximum Number of <br> Pieces in a Lot | Number of Tests |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 4 | 5 | 6 |
| 1 | 2 | 3 |  |  |  |

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| L 809 Cr and L 80 13 Cr | Coupling stock and coupling material | Coupling stock and coupling material for pipe $\leq$ Label 1: $4 \frac{1 / 2}{2}$ | $200{ }^{\text {d }}$ | $2^{\text {d.e }}$ | - |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Coupling stock and coupling material for pipe > Label 1: $4^{1 / 2} / 2$ | $100{ }^{\text {d }}$ | $2^{\text {d, e }}$ | - |
|  |  | Coupling blank | $400^{\circ}$ | $2^{\text {e }}$ | - |
|  | Hot forging | Coupling blank | $400{ }^{\circ}$ | 2 | - |

Table C.44: The footnotes shall be changed as indicated in the red box:

a | Depth as a percent of specified wall thidkness; The depth tolerance shall be $\pm 15 \%$ of the calculated notch depth with a minimum notch |
| :--- |
| depth of $0.3 \mathrm{~mm} \pm 0.05 \mathrm{~mm}$. |
| b |
| Drilled hole diameter (through the pipe wall) shall be bas ed on the drill bit size. |

Table C.53: The NOTE in the bottom row shall be changed as indicated in the red box:

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NOTE The wall thicknesses in Columns 2, 3, and 4 that are in excess of the maximum wall thidknesses for API pipe are for
information only; the calculated values in this table provide a 0.50 mm ins ide-wall and a 0.50 mm outside-wall machining allowance.
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D.15: The figure shall be changed as indicated in the red box:
b) EXAMPLE 2-Tubing Label 1: $2^{7 / 8}$, Label 2: 8.7, Grade L80 Type 1, seamless, external upset, plain-end. Additional requirements include hydrostatic testing to $94.5 \mathrm{MPa}(13,700 \mathrm{psi})$ and inspection to SR 2.
$\qquad$ '
D.17: The figure shall be changed as indicated in the red boxes:

| 8 Round Casing Label 1 | Outside <br> Diameter | Coupling Dimensions mm (in.) |  |  | Ring Dimensions mm (in.) |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | $\begin{gathered} A \\ \pm 3.2 \\ ( \pm 0.125) \end{gathered}$ | $\begin{gathered} B \\ \pm 0.13 \\ ( \pm 0.005) \end{gathered}$ | $\begin{gathered} C \\ \pm 0.25 \\ ( \pm 0.010) \end{gathered}$ | $\begin{gathered} D \\ \pm 0.38 \\ ( \pm 0.015) \end{gathered}$ | $\begin{gathered} E \\ +0.25 \\ 0 \\ \binom{+0.010}{0} \end{gathered}$ | $\begin{gathered} F \\ +0.38 \\ 0 \\ \binom{+0.015}{0} \end{gathered}$ |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| $41 / 2$ | 114.30 | 34.9 (1.375) | 4.78 (0.188) | 114.63 (4.513) | 115.27 (4.538) | 2.54 (0.100) | 3.96 (0.156) |
| 5 | 127.00 | 38.1 (1.500) | 4.78 (0.188) | 127.13 (5.005) | 127.76 (5.030) | 2.54 (0.100) | 3.96 (0.156) |
| $51 / 2$ | 139.70 | 38.1 (1.500) | 4.78 (0.188) | 139.83 (5.505) | 140.46 (5.530) | 2.54 (0.100) | 3.96 (0.156) |
| $65 / 8$ | 168.28 | 44.5 (1.750) | 4.78 (0.188) | 168.00 (6.614) | 168.63 (6.639) | 2.54 (0.100) | 3.96 (0.156) |
| 7 | 177.80 | 44.5 (1.750) | 4.78 (0.188) | 177.52 (6.989) | 178.16 (7.014) | 2.54 (0.100) | 3.96 (0.156) |
| 7 5/8 | 193.68 | 44.5 (1.750) | 4.78 (0.188) | 193.29 (7.610) | 193.93 (7.635) | 2.54 (0.100) | 3.96 (0.156) |
| 85/8 | 219.09 | 47.6 (1.875) | 4.78 (0.188) | 218.52 (8.603) | 219.15 (8.628) | 2.54 (0.100) | 3.96 (0.156) |

D.22, EXAMPLE 1: The figure shall be changed as indicated in the red box:


Stamp Marking-Optional [within approximately $0.3 \mathrm{~m}(1 \mathrm{ft})$ of either externally threaded end]
D.22, EXAMPLE 3: The figure shall be changed as indicated in the red box:

Manufacturer's API 5CT $x \times x \times 4 \times 1$ P1 PE 735 C90-1 AS S16 ph D 201
name or mark

Table E.2: The table shall be changed as indicated in the red box:

| Labels |  |  |  | Outside <br> Diameter | Nominal Linear Masses a, b |  |  | Wall Thicknes $s$ | Type of End-finish |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | 2 |  |  |  | Nonupset T\&C | Ext. <br> Upset T\&C | Integ. Joint |  |  |  |  |  |  |  |  |
|  | $\begin{gathered} \mathrm{NU} \\ \mathrm{~T} \& \mathrm{C} \end{gathered}$ | $\begin{aligned} & \text { EU } \\ & \text { T\&C } \end{aligned}$ | IJ | $\begin{gathered} D \\ \text { in. } \end{gathered}$ | $\mathrm{lb} / \mathrm{ft}$ | lb/ft | lb/ft | $\begin{gathered} t \\ \text { in. } \end{gathered}$ | H40 | J55 | $\begin{aligned} & \text { L80 } \\ & \text { R95 } \end{aligned}$ | N80 Type 1. Q | C90 | T95 | P110 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| $\begin{aligned} & 1.050 \\ & 1.050 \end{aligned}$ | $\begin{aligned} & 1.14 \\ & 1.48 \end{aligned}$ | $\begin{aligned} & 1.20 \\ & 1.54 \end{aligned}$ | - | $\begin{aligned} & 1.050 \\ & 1.050 \end{aligned}$ | $\begin{aligned} & 1.14 \\ & 1.48 \end{aligned}$ | $\begin{aligned} & 1.20 \\ & 1.54 \end{aligned}$ | - | $\begin{aligned} & 0.113 \\ & 0.154 \end{aligned}$ | PNU PU | PNU PU | PNU PU | PNU PU | PNU <br> PU | PNU <br> PU | $\overline{\mathrm{PU}}$ |
| $\begin{aligned} & 1.315 \\ & 1.315 \end{aligned}$ | $\begin{aligned} & 1.70 \\ & 2.19 \end{aligned}$ | $\begin{aligned} & 1.80 \\ & 2.24 \end{aligned}$ | 1.72 - | $\begin{aligned} & 1.315 \\ & 1.315 \end{aligned}$ | $\begin{aligned} & 1.70 \\ & 2.19 \end{aligned}$ | $\begin{aligned} & 1.80 \\ & 2.24 \end{aligned}$ | 1.72 - | $\begin{aligned} & 0.133 \\ & 0.179 \end{aligned}$ | PNUI PU | PNUI PU | PNUI PU | PNUI PU | PNUI PU | PNUI PU | PU |
| $\begin{aligned} & 1.660 \\ & 1.660 \\ & 1.660 \end{aligned}$ | 2.09 2.30 3.03 | - 2.40 3.07 | 2.10 2.33 - | $\begin{aligned} & 1.660 \\ & 1.660 \\ & 1.660 \end{aligned}$ | - 2.30 3.03 | - 2.40 3.07 | 2.10 2.33 - | $\begin{aligned} & 0.125 \\ & 0.140 \\ & 0.191 \end{aligned}$ | PI PNUI PU | PI PNUI PU | PNUI <br> PU | PNUI PU | PNUI <br> PU | PNUI PU | - |

Table E.6: The table's header shall be changed as indicated in the red box:


Table E.7: The table shall be changed as indicated in the red box:

| Label 1 | Critical Thickness for Couplings |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | NU | EU | Special Clearance |  | BC | LC | SC |
|  |  |  | EU | BC |  |  |  |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|  |  |  |  |  |  |  |  |
| $13^{3 / 8}$ | - | - | - | - | 0.602 | - | 0.618 |

Table E.12: The table shall be changed as indicated in the red box:

| Label 1 | APIConnection Type and CVN Specimen Orientation, Size, and Energy |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | NU | EU | Special Clearance ${ }^{\text {b }}$ |  | BC | LC | SC |
|  |  |  | EU | BC |  |  |  |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |

...
| $4^{1 / 2}$ ²
T-7-12
T-7-12
L-7-24
T-7-12
T-7-12
$-\quad \mid$

Table E.23: The table shall be changed as indicated in the red boxes:


Table E.24: The table shall be changed as indicated in the red box:


Table E.38: The table shall be changed as indicated in the red box:

| Grade | Material | Condition when <br> Heat-treated | Maximum Number of <br> Pieces in a Lot | Number of Tests |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | per Lot | per Heat |
| 1 | 2 | 3 | 4 | 6 |  |


| L80 9Cr and L80 <br> 13 Cr | Coupling stock and <br> coupling material | Coupling stock and <br> coupling material for pipe <br> sLabel $1: 4 \frac{1}{2}$ | $200^{\mathrm{d}}$ | $2^{\mathrm{d}, \mathrm{e}}$ | - |
| :--- | :--- | :--- | :--- | :--- | :--- |
|  | Coupling stock and <br> coupling material for pipe <br> $>$ Label $1: 4 \frac{1}{2}$ | $100^{\mathrm{d}}$ | $2^{\mathrm{d}, \mathrm{e}}$ | - |  |
|  | Coupling blank | $400^{\mathrm{c}}$ | $2^{\mathrm{e}}$ | - |  |

Table E.44: The footnotes shall be changed as indicated in the red box:

| a <br> Depth as a percent of specified wall thickness; The depth tolerance shall be $\pm 15 \%$ of the calculated notch depth with a minimum notch <br> depth of 0.012 in. $\pm 0.002$ in. <br> b Drilled hole diameter (through the pipe wall) shall be based on the drill bit size. |
| :--- |

Table E.46: The table shall be changed as indicated in the red boxes:

| Grade | Grade <br> Type | Number and Color of Bands <br> for Product ${ }^{\text {a }}$ with Length $\geq 6.0 \mathrm{ft}$ | Color(s) for Couplings |  |
| :---: | :---: | :---: | :---: | :---: |
|  | 2 |  | Entire Coupling | Band(s) ${ }^{\text {b,c }}$ |
| 1 | 2 | 4 | 5 |  |

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| L80 | 13Cr | One red, one brown, one yellow | None | One yellow |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| C90 | 1 |  | One purple | Purple | None |
| T95 | 1 |  | One silver | Silver | None |
| C110 | - | One whlite, two brown | White | Two brown |  |
| P110 | - | One white | White | None |  |
| Q125 | 1 | One orange | Orange | None |  |

Table E.48: Footnote " $g$ " shall be changed as indicated in the red box:
g For Grade C110 only, DA $^{*}$ when tested using a test solution other than NACE TM 0177-2016 Test Solution A
Table E.53: The NOTE in the bottom row shall be changed as indicated in the red box:

NOTE The wall thicknesses in Columns2 2.3 and 4 that are in excess of the maximum wall thicknesses for API pipe are for information only; the calculated values in this table provide a 0.020 in . inside-wall and a 0.020 in . outside-wall machining allowance.

Table G.1: The table shall be changed as indicated in the red box:

| Product | Label 1 | $\begin{aligned} & d c_{m} \\ & \mathrm{~mm} \end{aligned}$ |
| :---: | :---: | :---: |
| Casing | $\begin{gathered} <95 / 8 \\ 95 / 8 \text { to } 133 / 8 \\ >133 / 8 \end{gathered}$ | 3.18 |
|  |  | 3.97 |
|  |  | 4.76 |
| Tubing | $\leq 27 / 8$ | 2.38 |
|  | $>2^{7 / 8}$ | 3.18 |
| Casing specified by the purchaser to be used in tubing service where Label 1 is larger than $4 \frac{1}{2}$ but smaller than $10^{3 / 4}$ | $>4 \frac{1}{2}$ to $85 / 8$ | 3.18 |
|  | $>85 / 8$ to $103 / 4$ | 3.97 |

Table G.2: The title shall be changed to the following:
Table G.2—Plain-end Pipe Hydrostatic Test Factors by Grade and Size
Table H.1: The table shall be changed as indicated in the red boxes:

| Annex H | API 5CT | Grade |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | J55 | K55 | $\begin{gathered} \text { N80 } \\ \text { Type } \end{gathered}$ | $\underset{\mathbf{Q}}{\mathrm{N} 80}$ | R95 | $\begin{gathered} \text { L80 } \\ \text { Type } 1 \end{gathered}$ | $\begin{aligned} & \mathrm{L} 80 \\ & 13 \mathrm{Cr} \end{aligned}$ | C90 | T95 | P110 | Q125 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 |

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| H.3.2 | 6.3 .1 <br> 6.3 .2 |  |  |  |  | 2 |  |  |  |  | 2 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |

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| H.6.2.2 | 7.5 .4 <br> K. 7 |  |  |  |  |  |  |  |  |  |  | 2 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |

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| H.17.2 | 10.13 .4 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |

K.4.2: The second paragraph shall be replaced with the following:

Coupling blanks ordered with as-rolled outside diameter surface shall have an outside diameter tolerance of $\pm 1 \%$, but not greater than ${ }_{-1.59}^{+3.18} \mathrm{~mm}\left({ }_{-1 / 16}^{+1 / 8} \mathrm{in}.\right)$.


[^0]:    a The size designation for the coupling is the same as the size designation for the pipe on which the coupling is used.
    b Tolerance on outside diameter $W: \pm 1 \%$.

