General Notes:

1. *This guide specification is to be inserted into an existing specification section.*
2. *Proposed modifications shall be reviewed by Harger Lightning and Grounding.*
3. *The finalized version shall be included in the project contract documents.*

*Editing Notes:*

1. *This specification section must only be altered by notation (i.e. deleted text with strikethrough and additional text with double underline). This shall be accomplished by using Tools / Track Changes / Highlight Changes, and select “Track changes while editing” in MS Word or equivalent.*
2. *The Review Submittal Specification section shall be provided in electronic form for Harger Review.*
3. *Leave the following note (“For Construction Document Review, Design Submittal”) as part of the review submittal to aid any reviewer to understand WHY there are strikeouts and underlines.*
4. *After comments are received from Harger and incorporated, the strikeouts, underlines and reviewer notes are to be deleted before the spec is issued for Bidding.*

SECTION 26 05 26

Grounding and bonding for electrical systems

1. PRODUCTS
   1. APPROVED MANUFACTURER
      1.  301 Ziegler Drive, Grayslake IL 60030

<http://www.harger.com> | [hargersales@harger.com](file:///\\dronebee\sys\Shared\LP%20Product%20Development\Specifications\hargersales@harger.com)

* 1. CPC Series Copper pipe clamps
     1. Basis of Design: Subject to compliance with requirements, provide Harger Lightning & Grounding [CPC Series](http://www.harger.com/products/idx.cfm?subc4id=355&p=1&thid=830&footid=0&footinfoid=0&oiid=919) Pipe Clamps
     2. Product Features:
        1. Wide conductor range: #6 AWG through 250MCM
        2. Standard component is electro-tin plated bronze and includes stainless steel hardware
        3. “Quick connect”, bi-directional design
        4. Dual listed to C(UL)US 96 & C(UL)US 467
        5. Suitable for direct burial in earth & concrete
     3. Applicable Part Numbers:

|  |  |  |
| --- | --- | --- |
| Part Number | Nominal Pipe Range | Actual Pipe Range |
| [CPC.5/.75](http://www.harger.com/products/idx.cfm?subc4id=221&p=1&thid=600&footid=0&footinfoid=0&oiid=791)\* | 1/2” – 3/4” | .375” – 1.0” |
| [CPC1/1.25](http://www.harger.com/products/idx.cfm?subc4id=222&p=1&thid=601&footid=0&footinfoid=0&oiid=792)\* | 1” – 1-1/4” | .75” – 1.70” |
| [CPC1.5/2](http://www.harger.com/products/idx.cfm?subc4id=223&p=1&thid=602&footid=0&footinfoid=0&oiid=793)\* | 1-1/2” – 2” | 1.0” – 2.4” |
| [CPC2.5/3](http://www.harger.com/products/idx.cfm?subc4id=355&p=1&thid=830&footid=0&footinfoid=0&oiid=919)\* | 2-1/2” – 3” | 2.25” – 3.5” |
| [CPC3.5/4](http://www.harger.com/products/idx.cfm?subc4id=355&p=1&thid=830&footid=0&footinfoid=0&oiid=919)\* | 3-1/2” – 4” | 3.2” – 4.5” |
| [CPC5/6](http://www.harger.com/products/idx.cfm?subc4id=355&p=1&thid=830&footid=0&footinfoid=0&oiid=919)\* | 5” – 6” | 4.75” – 6.63” |
| \*The following suffixes are available:  “TP” – Tamper Proof Hardware  “SB” – Silicon Bronze Hardware | | |

END OF SECTION