

Distribution Construction Standards - 4th Quarter 2020 Update	
Standard	Revision Description
04 00 00 01	Index updated for 3rd quarter 2020 changes
04 00 01 01	Title Change: Changed from General to Fiberglass Assembly Loading Criteria
	Removed Notes: Removed all notes from this standard and incorporated into specific notes.
04 00 20 **	Added Tables and Information: Table provided for loading criteria of all Fiberglass Crossarms available. Criteria information included in the table are Vertical, Longitudinal and Transverse loadings as well as number of positions available on each arm.
	Title Change: Changed from Single and Double Wood Arms with V Braces to Wood Tangent Arm Assembly.
04 00 20 **	Revised Drawings: Made drawings cleaner and easier to read. Provided details and cross-sections for attachment points and hardware.
	Standards removed; 04 00 20 06 - 6' Double wood arm, replaced with DCS 04 00 42 01 04 00 20 07 - 8' Double wood arm, replaced with DCS 04 00 42 02 04 00 20 08 - 10' Double wood arm, replaced with DCS 04 00 42 03 04 00 20 10 - 10' Double wood arm, replaced with DCS 04 00 42 03 04 00 20 11 - 10' Double wood arm, replaced with DCS 04 00 42 03
	Revised and added notes: Notes provided are all Construction Notes.
	New Note 2 Added: Assemble items in order listed. Square nut provided with bolt is used after double coil washer. Double coil washer not needed on composite poles. Lock nuts must be placed after nut included with bolt stock code number.
	New Note 3 Added: Always load the non-threaded portion of the bolt with arms and braces.
	New Note 4 Added: If back to back arms are needed, include item R. (Maintenance Only)
	New Note 5 Added: Use longer machine bolts for larger wood or composite poles if required.
	Standards removed; 04 00 24 03 - removed and incorporated with DCS 04 00 25 01 04 00 24 04 - removed and replaced with DCS 04 00 25 01 04 00 24 05 - removed and incorporated with DCS 04 00 25 02 04 00 24 06 - removed and replaced with DCS 04 00 25 02
Revised and added notes: Notes provided are all Construction Notes.	
04 00 24 **	Title Change: Changed from Single and Double Side Wood Arms With Heel Brace to Wood Single Alley Arm Assembly.
	Revised Drawings: Made drawings cleaner and easier to read. Provided details and cross-sections for attachment points and hardware.
	Standards Removed: 04 00 24 03 - removed and incorporated with DCS 04 00 25 01 04 00 24 04 - removed and replaced with DCS 04 00 25 01 04 00 24 05 - removed and incorporated with DCS 04 00 25 02 04 00 24 06 - removed and replaced with DCS 04 00 25 02
04 00 24 **	Revised and added notes: Notes provided are all Construction Notes.
	New Note 3 Added: Always load the non-threaded portion of the bolt with arms and braces.
	New Note 4 Added: Assemble items in order listed. Square nut provided with bolt is used after double coil washer. Double coil washer not needed on composite poles. Lock nuts must be placed after nut included with bolt stock code number.
04 00 24 **	New Note 5 Added: Use longer machine bolts for larger wood or composite poles if required.
	New Standard: Wood Double Alley Arm Assembly.
04 00 25 **	Removed: This standard was removed and made into the fiberglass alley arm standard 04 00 44 **
04 00 26 **	Removed: The material from this standard was put into a new note that was added to DCS 04 00 20 **
04 00 35 00	Removed: The material from this standard was put into a new note that was added to DCS 04 00 20 **
	Title Change: Changed from Fiberglass Assembly to Fiberglass Tangent Assembly.
	Revised Drawings: Made them cleaner and easier to read. Provided details and cross-sections for attachment points and hardware.

04 00 41 **	<p>Added and Removed Standards: Retained fiberglass tangent arm standards and added the 12' and 16' tangent arm while removing other fiberglass arm standards.</p> <p>Standards added; 04 00 41 20 - 12' Tangent Fiberglass arm 04 00 41 21 - 16' Tangent Fiberglass arm</p> <p>Standards removed; 04 00 41 02 - 6' DE fiberglass arm - now DCS 04 00 42 01 04 00 41 03 - 8' DE fiberglass arm 2 position has been made into 4 positions - now DCS 04 00 42 02 04 00 41 04 - 10' DE fiberglass arm 2 position has been made into 4 positions - now DCS 04 00 42 03 04 00 41 17 - 8' DE fiberglass arm - now DCS 04 00 42 02 04 00 41 18 - 10' DE fiberglass arm - now DCS 04 00 42 03</p> <p>Revised and added notes: Notes provided are all Construction Notes.</p> <p>Note 2 Changed: Changed note 2 to read: Assemble items in order listed. Square nut provided with bolt is used after double coil washer. Double coil washer not needed on composite poles. Lock nuts must be placed after nut included with bolt stock code number.</p> <p>New Note 3 Added: When using fiberglass arms with hot arms a protective block to prevent the pin from fracturing the fiberglass arm is available (Stock #86 06 346).</p> <p>New Note 4 Added: When using a fiberglass arm with different devices a groundwire clip can be used below the arm to train the ground wire to the pole.</p> <p>New Note 5 Added: Always load the non-threaded portion of the bolt with arms and braces.</p> <p>New Note 6 Added: Use longer machine bolts for larger wood or composite poles if required.</p>
04 00 42 **	<p>New Standard: Fiberglass Dead End Assembly. All lengths and sizes of fiberglass dead end arms have their own DCS #.</p>
04 00 43 **	<p>New Standard: Fiberglass Alley Arm Assembly. All lengths and sizes of fiberglass alley arms have their own DCS #.</p>
04 00 44 **	<p>New Standard: Fiberglass Slabbed Alley Arm Assembly.</p>
09 00 00 01	<p>Index updated for 4th quarter 2020 changes</p>
09 00 01 01	<p>Title Change: From General Information to Standard Conductor Data</p> <p>Removed Notes: 1. General 2.3. Sag</p> <p>Changed Notes: The following notes were revised and moved to a new construction notes section of the standard: 2.2. Major Use 5. Tree guards 3. Fastening and Connections</p> <p>Moved: 3.1 Triplex Splicing Sleeves to DCS 09 01 60 Construction Note(s) 1 4. Expansion Shields to new standard 09 00 01 02</p>
09 00 01 02	<p>New Standard - Expansion Shields - The tables and notes were originally part of DCS 09 00 01 01 and did not change</p>
09 00 02 03	<p>Title Changed: From Attachment to Buildings - 0 to 600 Volts to Point of Attachment to Buildings</p> <p>Drawing Changed: The text was removed from drawing and moved to a table with Acceptable/Un-acceptable.</p>
09 00 02 04	<p>Removed Standard: This standard is available in the Ameren Service Manual, Section 600, Figure 600-2)</p>
09 00 02 05	<p>Title Changed: From Attachment to Buildings - 0 to 600 Volts to Attachment Clearance</p> <p>Changed Notes: Combined the text above the drawing with note 1</p> <p>New Note 8 and 9: Transferred from DCS 09 00 02 06</p>

09 00 02 06	Removed Standard: The information from this standard was moved to DCS 09 00 02 05 in the new notes 8 and 9
09 00 03 01	Title Changed: From Clearances - Points of Attachments & Meters Above Ground - Services over Ground & Rock to Service Installation Clearances Drawing Change: Removed figure 1 All letters in the drawing were changed to numbers that refer to the design notes
09 00 04 01	Converted to the new format, all data is the same
09 01 10**	BOM Change: Removed item C and G. Moved them to new note 6
09 01 12 00	Title Changed: From Heavy Service Attachments at Pole & Building to Attachments at Poles and Buildings - 500 kcmil to 1000 kcmil BOM Change: Stock Code 17 69 057 changed to 23 18 058 Service Attachment changed to 09 01 52 **
09 01 14 00	Standard Removed: The standard was relocated to the limited use / maintenance only section of the sharepoint
09 01 16 00	Standard Removed: The standard was relocated to the limited use / maintenance only section of the sharepoint
09 01 28 00	Converted to the new format, all data is the same
09 01 30 00	Converted to the new format, all data is the same
09 01 32 00	Converted to the new format, all data is the same
09 01 34 00	Converted to the new format, all data is the same
09 01 36**	Converted to the new format, all data is the same
09 01 38**	Converted to the new format, all data is the same
09 01 49 **	New Standards - Information Moved from DCS Section 6. All data is the same. Remove 06 01 56 from the standards book.
09 00 50**	Converted to the new format, all data is the same
09 01 51**	New Standard - Information Moved from DCS Section 6. All data is the same. Remove 06 01 50 from the standards book.
09 01 52**	Standard Removed: The standard was relocated to the limited use / maintenance only section of the sharepoint
09 01 53**	New Standard - Information Moved from DCS Section 6. All data is the same. Remove 06 01 58 from the standards book.
09 01 54**	New Standard - Information Moved from DCS Section 6. Remove 06 01 60 from the standards book. Note 1 Added
09 01 56 00	Title Changed: From Over 800 Amp Preferred Bus Bar Outlet to Bus Duct - Over 800 Amp Drawing Change: The text from the drawing moved to notes 3 and 4
09 01 58 00	Title Changed: From Over 800 Amp Alternate Methods (When Bus Bar Outlet is not Feasible) to Weatherhead Attachment - Over 800 Amp Drawing Change: Moved the notes in the drawing to new note 2 Added BOM: Note 2 changed to a BOM item A
09 01 60**	Added Note 1: Transferred from DCS 09 00 01 01, 3.1 - Triplex splicing sleeve, removed installation tools from the table as they are obsolete. Drawing Change: Moved the notes in the drawing to new note 2