

# TERMINATION TIE FOR TWIN AND TWIST CONDUCTORS

THIS METHOD SHALL BE USED TO TERMINATE TWIN-AND-TWIST CONDUCTORS AT A SHACKLE INSULATOR.

THE TIE WIRE IS ANNEALED COPPER WITH A DIAMETER OF 2.0mm, STOCKCODE 147777.

CONDUCTOR STRANDING HAS BEEN OMITTED FROM THE DIAGRAM FOR CLARITY.

PREPARE THE CONDUCTOR BY LOOPING BOTH CONDUCTORS AROUND THE SHACKLE INSULATOR, LEAVING A TAIL LONG ENOUGH TO INSTALL THE TIE WIRES,

**STEP 1:**  
TAKE A PIECE OF TIE WIRE AND MAKE 10 TURNS AROUND BOTH THE MAIN CONDUCTOR AND THE TAIL OF THE CONDUCTOR, BUT NOT THE TAIL OF THE TIE WIRE ITSELF.

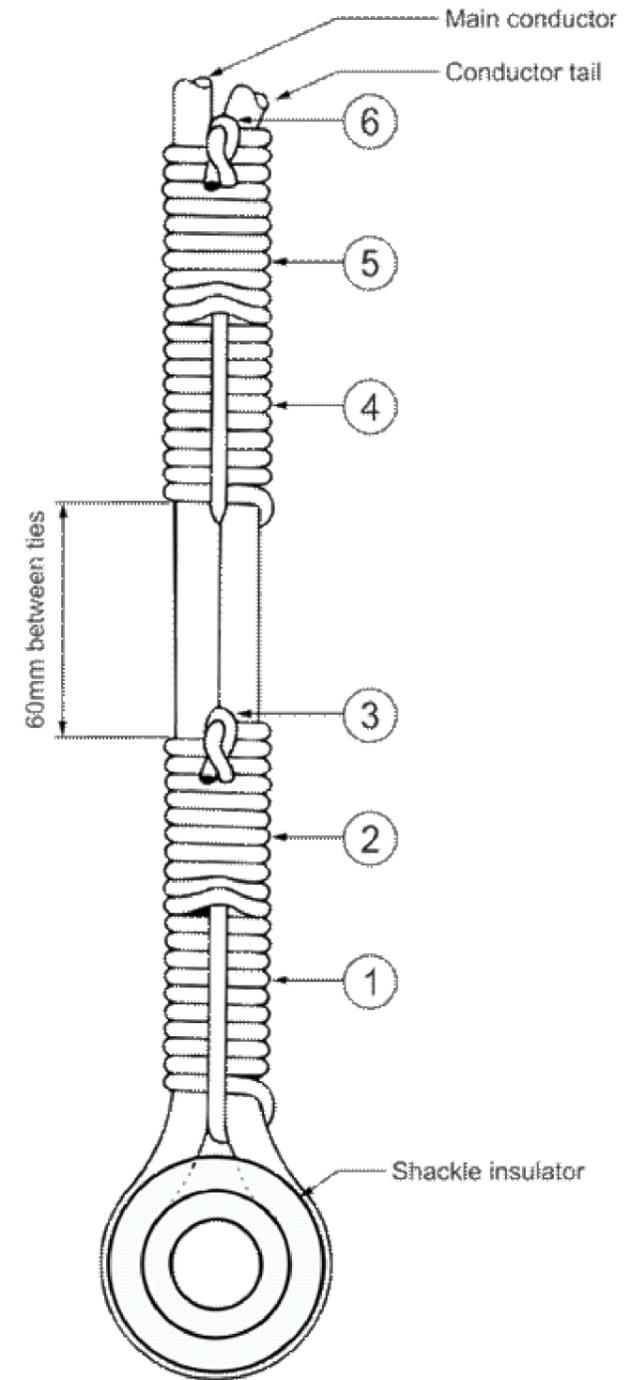
**STEP 2:**  
MAKE 10 TURNS AROUND BOTH THE MAIN CONDUCTOR AND THE TAIL OF THE CONDUCTOR, AS WELL AS THE TAIL OF THE TIE WIRE ITSELF.

**STEP 3:**  
MAKE 3 TWISTS IN THE ENDS OF THE TIE WIRE, AND FOLD IT BACK ALONG THE COMPLETED TIE.

**STEP 4:**  
LEAVING A 60mm GAP FROM THE END OF THE FIRST TIE, TAKE A SECOND PIECE OF TIE WIRE AND MAKE 10 TURNS AROUND BOTH THE MAIN CONDUCTOR AND THE TAIL OF THE CONDUCTOR, BUT NOT THE TAIL OF THE TIE WIRE ITSELF.

**STEP 5:**  
MAKE 10 TURNS AROUND BOTH THE MAIN CONDUCTOR AND THE TAIL OF THE CONDUCTOR, AS WELL AS THE TAIL OF THE TIE WIRE ITSELF.

**STEP 6:**  
MAKE 3 TWISTS IN THE ENDS OF THE TIE WIRE, AND FOLD IT BACK ALONG THE COMPLETED TIE.



CAD DRAWING  
DO NOT MANUALLY AMEND  
AMENDMENTS



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MAP REF.	-
LGA	-

**STANDARD CONSTRUCTION  
LV CONDUCTOR  
TERMINATION TIE FOR  
TWIN AND TWIST CONDUCTORS**

PROJECT No.	STD	SIZE	DRAWING No	SHEETS	AMD.
PROJTRAK No.	-	<b>A3</b>	<b>251901</b>	01 of 1	0