SIDE TIE FOR TWIN AND TWIST CONDUCTORS

THIS METHOD SHALL BE USED TO SECURE TWIN-AND-TWIST CONDUCTORS TO THE SIDE GROOVE OF A LOW VOLTAGE PIN 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.

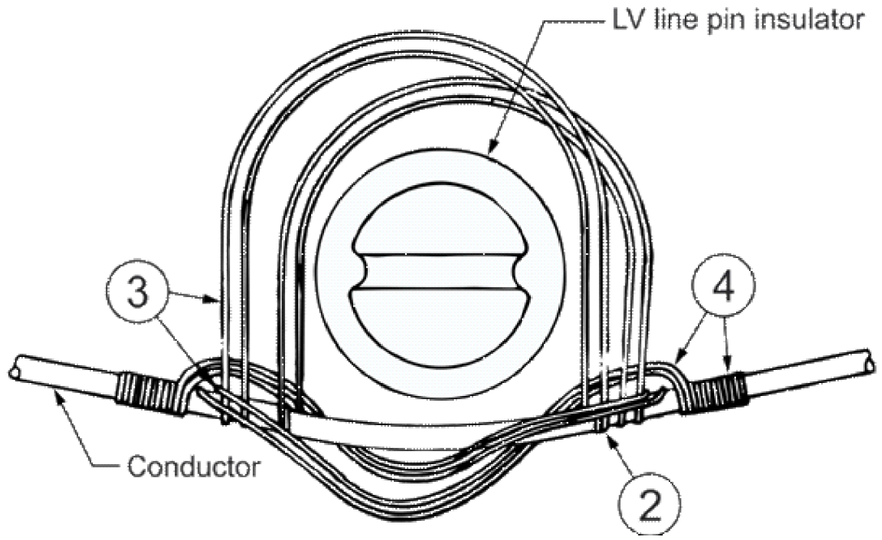
PREPARE THE CONDUCTOR BY POSITIONING THE CONDUCTOR IN THE SIDE GROOVE OF THE PIN INSULATOR.

STEP 1:
BEND TWO 1.5 METRE LENGTHS OF TIE WIRE INTO HALVES AND LOOSELY ROLL THE FOUR ENDS INTO COILS APPROXIMATELY 100mm DIAMETER.

STEP 2:
PLACE THE MIDPOINTS OF THE TWO WIRES OVER THE LINE CONDUCTOR ON OPPOSITE SIDES OF THE INSULATOR AND MAKE ONE COMPLETE TURN AROUND THE CONDUCTOR WITH EACH TIE WIRE.

STEP 3:
KEEP BOTH TAILS OF EACH WIRE TOGETHER TO FORM DOUBLE TIE WIRES. CARRY EACH DOUBLE WIRE AROUND THE INSULATOR SIDE GROOVE AND MAKE ONE COMPLETE TURN AROUND THE CONDUCTOR ON THE OTHER SIDE OF THE INSULATOR.

STEP 4:
PASS EACH DOUBLE SIDE TIE WIRE DIAGONALLY ACROSS THE INSULATOR, TO THE OPPOSITE SIDE OF THE INSULATOR AND COMPLETE THE TIE BY MAKING 8 FULL TURNS AROUND THE CONDUCTOR.



CAD DRAWING
DO NOT MANUALLY AMEND

AMENDMENTS

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SCALE	NTS
MAP REF.	-
LGA	-
PROJECT No.	STD
PROJTRAK No.	-

STANDARD CONSTRUCTION
LV CONDUCTOR
SIDE TIE FOR
TWIN AND TWIST CONDUCTORS

SIZE	DRAWING No	SHEETS	AMD.
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