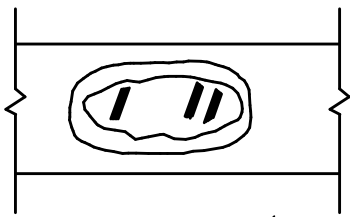
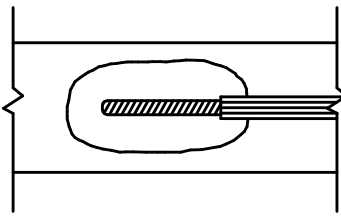


STEP 1



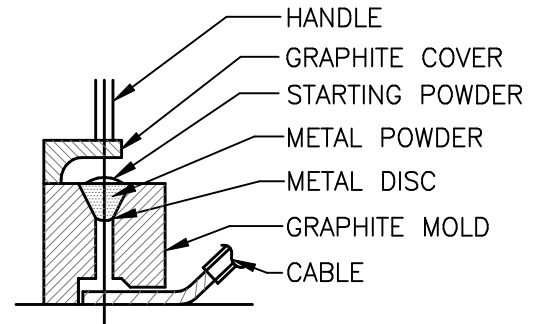
CHIP OUT MORTAR (CML&C)
AND/OR FILE SURFACE TO
BRIGHT METAL AND CLEAN

STEP 2



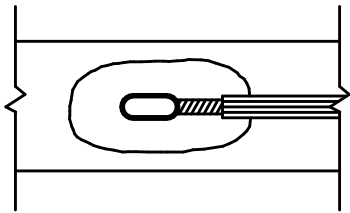
STRIP INSULATION
FROM WIRE

STEP 3



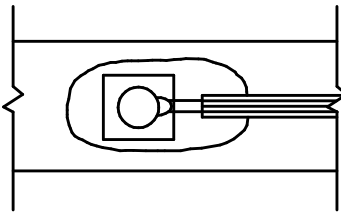
HOLD WELDER FIRMLY
WITH OPENING AWAY
FROM OPERATION AND
IGNITE STARTING POWDER

STEP 4



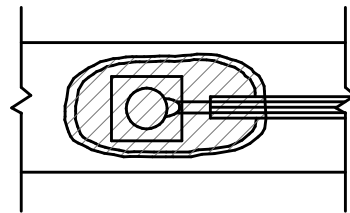
REMOVE SLAG
FROM CONNECTION

STEP 5



APPLY 2 COATS OF
PRIMER AND COVER
CONNECTION WITH A
PREFORMED WELD CAP

STEP 6



COAT AREA WITH BITUMEN.
PATCH MORTAR. SEE
NOTE 5.

NOTES:

1. WELDER SHOWN IS FOR HORIZONTAL SURFACES. FOR VERTICAL SURFACES SIDE WELDER IS REQUIRED.
2. ALL WIRE WELDS SHALL BE 3 INCHES APART, MINIMUM.
3. STANDARD WELD CARTRIDGES SHALL BE USED FOR DUCTILE IRON AND STEEL SURFACE. FOR CAST IRON, USE XF-19 ALLOY OR EQUIVALENT.
4. ALL EXPOSED METAL (STRUCTURE, WIRE, & WELD) SHALL BE COVERED WITH 2 COATS OF PRIMER AND AN ELASTOMERIC WELD CAP.
5. APPLY GENEROUS COAT OF BITUMEN OVER WELD CAP AND EXPOSED METAL AREA UP TO EDGE OF MORTAR (CML&C) OR 3" BEYOND WELD CAP (DIP). USE CARBOLINE 300M OR EQUAL.
6. PATCH MORTAR COATING WITH QUICK SETTING MORTAR (CML&C).

MOULTON NIGUEL WATER DISTRICT

DRAWING
NUMBER

ALUMINO-THERMIC WELD

W-28