

General

It is a proved, simple and inexpensive method of welding copper cable to steel and cast iron and connecting anode leads to the pipeline.

The equipment has been developed for field use and in terms of weight and bulk, presents no more of a problem to the operator than the carrying of a small tool box. In all cases the connections between cable and pipeline are made by means of a thermit welding process.

This consist essentially a powdered metal charge placed in a carbon mould held firmly on the pipe.

The charge is produced by a flint gun and an exothermic reaction produces molten metal which drops through a hole in the carbon mould on to the cable, previously located between the mould and the pipe (full instructions supplied with each kit).

Thermit welds are available in a variety of sizes, the main types are the CA15 and CA25:

- Type CA15 for cable sizes form 2,5mmq to 16 sqmm.
- Type CA25 for cable sizes from 16mmq to 25 sqmm.

Note

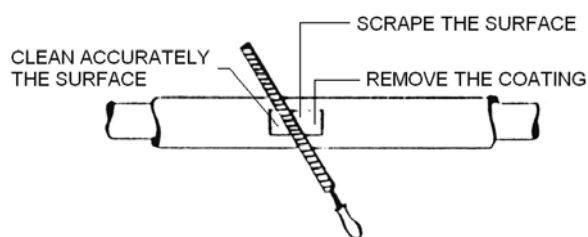
For bigger cables larger charges and equipments are available on request.

Standard kit

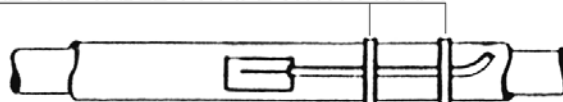
- Thermit welds (type 15 or 25) per 100.
- Carbon mould with handle.
- Flint gun c/w 3 spare flints.

Instruction supplied

STEP 1:



SECURE THE CABLE TO PIPE WITH STRAPS

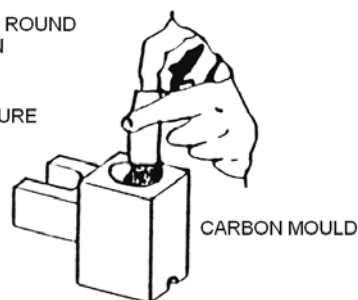


STEP 2:

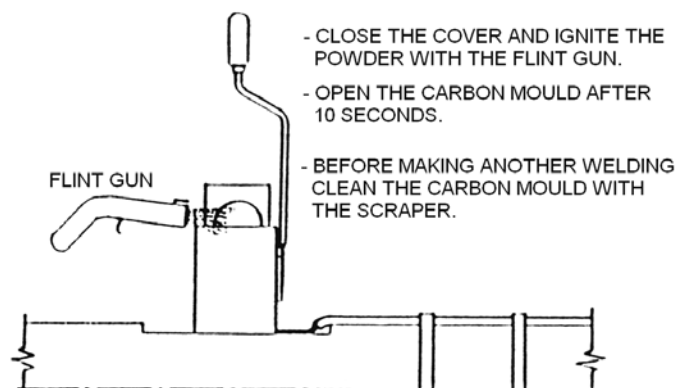
- LET FALL DOWN THE METALLIC ROUND PLATE BEING SURE THAT IT'S IN THE RIGHT POSITION.

- OPEN THE CARTRIDGE AND POURE THE POWDER METAL CHARGE.

- BEAT THE CARTRIDGE TO LET THE POWDER GO DOWN.



STEP 3:



STEP 4:

REINSTATE THE COATING

