**Construction Procedure of Thermite Welding**

1. Removing the coating (Approx. 100mmX100mm)
2. Clean area of pipe approximately 75mmX75mm with wire brush and scrape.
3. Strip insulation and sheath of cable.
4. Set cable thermite mold and thermite cartage on the bared pipe.
5. The thermite welding mold is fixed with a magnet force.
6. Removing the plastic cap of the thermite welding cartridge and ignite the thermite with a Light-gun.
7. After completion of welding, remove the mold.
8. Confirm the security of welding by lightly patting the weld with a hammer.
9. After working, remove the slag in the cartridge hole of the mold.
10. Wrap the welding section in accordance with a coating specification.