

Cathodic protection(PI-Slit method)

DESCRIPTION

Embedded steel is electro-chemically prevented from corrosion by conducting DC power current from the anode provided near the surface of structure to the embedded steel in concrete. Cathodic protection method using a linear anode of titanium has many positive features , such as high durability of the anode strip, the ability to place the anode arbitrarily and high adaptability to combined use with another supplementary system, and its use is increasing.

【 Application to Post-tensioned T-girder 】



【 Application to RC jetty 】



Advantages

Labor saving

Labor saving can be attained by making width of the slot for the line anodes small. Accordingly, cutting and pouring the slot is easy to carry out.

Durability

The anode strip has high durability due to high purity titanium which is covered with mixed oxidized precious-metal membrane and positive slot filling.

Economical efficiency

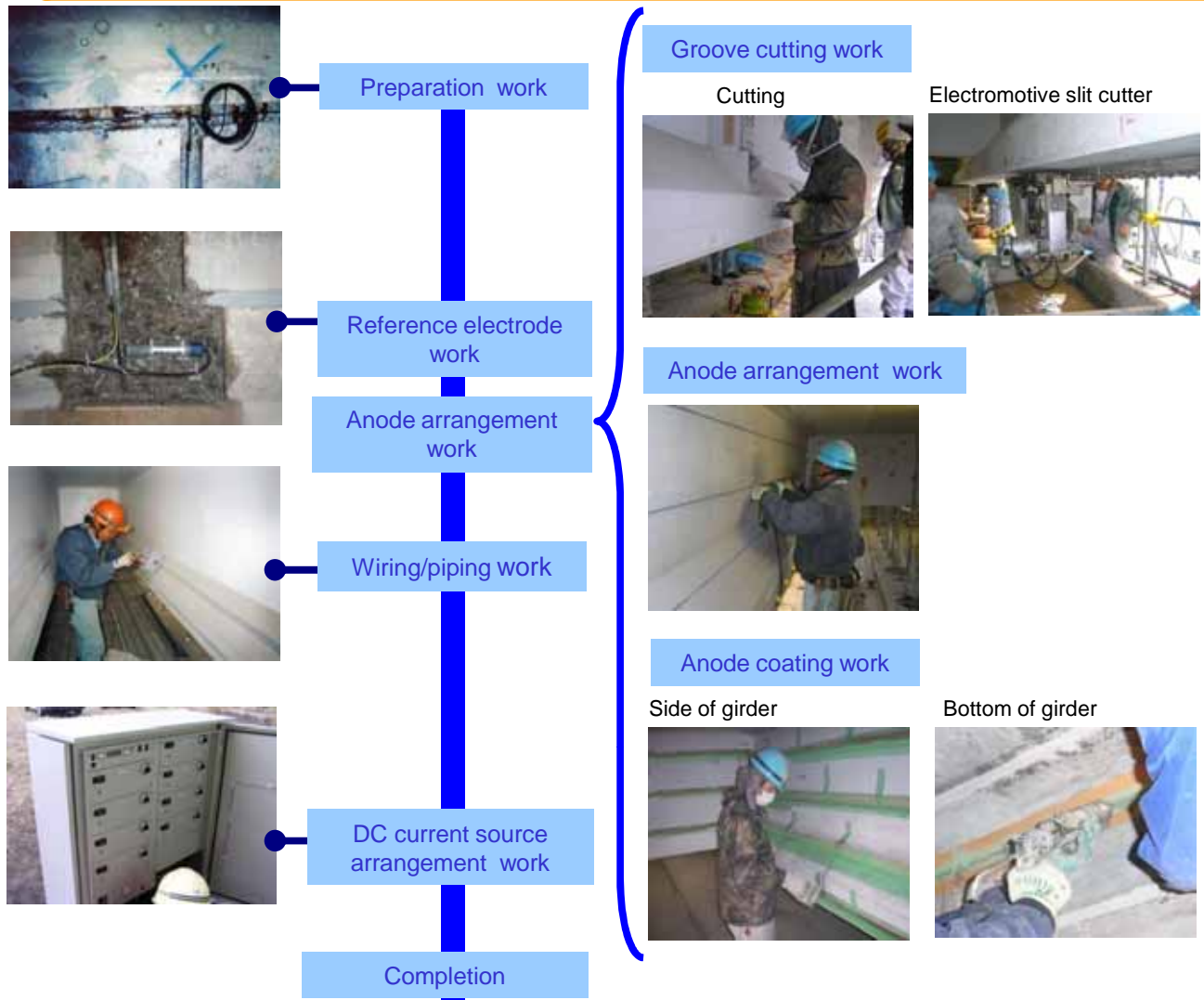
Outstanding economical efficiency by improvement in construction speed by optimization of installation of the anode strip, simplification of construction, and use of simple construction apparatus.

Extensive applicability

It is applicable regardless of PC structure, RC structure, new structure, an existing structure and so on

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WORK SEQUENCE



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SCHEMATIC VIEW

