

Repair & reinforcement of the water pipe in Tokyo

600mm dia. Iron pipe, pressure approx.0.5Mpa. Straight portion 1, elbow and straight portion each 1, reinforcement approx.2meter long

Date of work: Feb.2007

1. Elbow



1).First, clean off the dirt with wet rags to check the pipe condition. Found out a few corrosion spots and 1 leak spot



②apply and fill Magicawrap-Steel on the dents caused by corrosion.



③ Apply Magicawrap-Steel on the edge of the piping for reinforcement



④Then, apply Butyl Roll entirely as pre-treatment of Magicawrap, and put Magicawrap-seal on the edge of the piping for safety



⑤Then, wrap the Magicawrap for anti-corrosion, protection and reinforcement to squeeze for 1-2 minutes at the same direction.

Materials used:

- Magicawrap-Steel
- Butyl Roll
- Magicawrap-Seal
- Magicawrap

II Leak spot



⑥ water is running on 1 spot due to the corrosion



⑦ On the spot, wrap the Butyl roll, and then Magicawrap-tape to stop leak



⑧ Then, wrap the Magicawrap and squeeze 1-2 minutes at the same direction.

Materials used : Butyl roll

Magicawrap-tape

Magicawrap

III Straight portion



⑨ Corrosion is found in several spots on the straight portion



⑩ First, wrap the Butyl roll as pre-treatment of the Magicawrap. Then, wrap the Magicawrap to squeeze 1-2 minutes to finish

Materials used : Butyl roll

Magicawrap