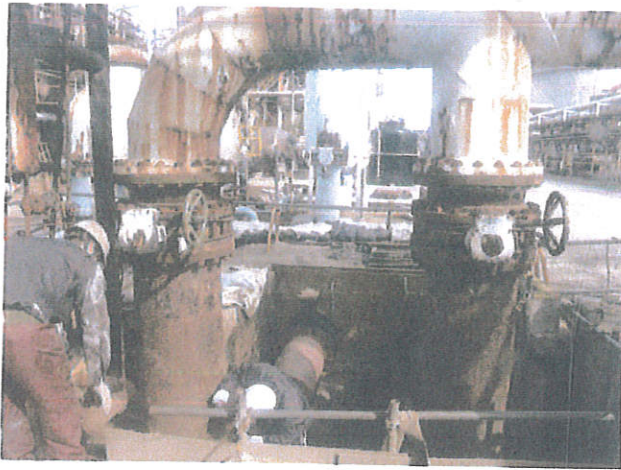


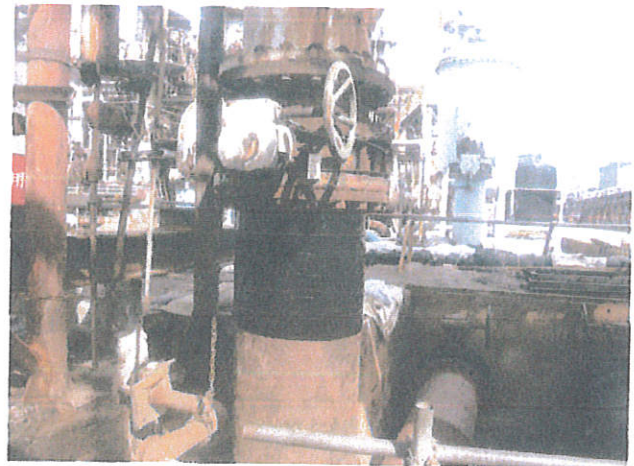
On-Site Repair training Iron Pipe, Reinforcement for Life Extension

Work Date ; March 2012

φ500mm dia. Straight portion, 1.5Meter×2pcs, Salt Water, Pressure 0.3Mpa



① Before work, remove any contamination or rust on the repair area



② First, two technicians from ORIHARA and one person from the contractor start the work jointly. As pre-treatment, apply BUTYL ROLL over the pipe to even out its surface.



③ Next, wrap MAGICAWRAP for reinforcement & life extension of the pipe, and then spray or run water to squeeze gently the MAGICAWRAP in the same direction of wrapping. As training, the contractor applies the BUTYL ROLL in the same way.



④ The MAGICAWRAP is wrapped by the contractor, too.



⑤ The MAGICAWRAP has been wrapped 1.5meter wide on the whole pipe. Thus, the work is done on the 1st pipe.



⑥ The contractor has done the same work for the 2nd pipe. The whole work finished.