

NMR PIPETECTOR Installation Report (No.20)

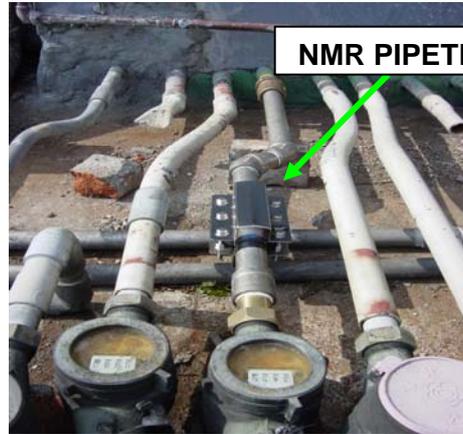
Anti-corrosion Application Apartment in Taiwan

NMR Corporation

◆ Appearance of Building and Installation Place



Appearance of the building



NMR PIPETECTOR

On outlet of water meter to 4F No.129
PT- 30DS × 1

◆ Installation Results

It has been 23 years since this apartment was built and has been used steel galvanized pipes (SGP). **Before the installation** of NMR PIPETECTOR, Fe ion content in water of the elevated water tank was 0.19 mg/l, the kitchen in a room was **3.9 mg/l**. It means the apartment had a serious corrosion problem in the water supply pipes.

However, it was very difficult and expensive to replace the old pipes with new ones, because the all pipes are located inside of the wall, so NMR PIPETECTOR was installed because it costs less than 1/5 compared to replacing with new pipes, and it can reduce corrosion to magnetite without outflow of corrosion.

In 5 weeks after the installation of NMR PIPETECTOR, Fe ion content in water of the kitchen in the room decreased from 3.9 mg/l to **0.2 mg/l**. The corrosion colored water was stopped completely.

The results prove that the effect of NMR PIPETECTOR reduces corrosion to magnetite, and solves corrosion colored water problems.

◆ Installation Summary

Address	Taipei in Taiwan
Building Summary	23 years after being built, 12-story apartment
Method of Water Supply	Elevated water tank method
Installation Day	January 16, 2003
Installation Place Number of Installed NMR PIPETECTOR	On outlet of water meter 4F No.129 (SGP 32A) PT- 30DS × 1 unit

◆ Results of Water Examinations (Kitchen)

Item	Before the installation	5 weeks after the installation	Water of elevated tank
Fe ion content in water (mg/l)	3.9	0.2	0.19

Before Installation

經濟部標準檢驗局試驗紀錄表

申請號碼：90301010571 頁次：共1頁，第1頁
 申請者：台灣米亞瑪股份有限公司
 品名：茲柏大廈自來水(早上6點)
 規格：(空白)
 型號：(空白)
 受理日期：91年12月25日 完成日期：91年12月27日

試驗項目	試驗結果
鐵(Fe)	3.9 mg/L
試驗說明： 本試驗係以 ICP-AES 方法試驗。	

5 Weeks After Installation

經濟部標準檢驗局試驗紀錄表

申請號碼：90302001 頁次：共1頁，第1頁
 申請者：台灣米亞瑪股份有限公司
 品名：茲柏大廈自來水
 規格：(空白)
 型號：(空白)
 受理日期：92年02月21日 完成日期：92年03月17日

試驗項目	試驗結果
鐵(Fe)	0.2 ppm
試驗說明： ICP-AES 試驗。	

<Original Source for Elevated Water Tank>

經濟部標準檢驗局試驗紀錄表

申請號碼：90301010572 頁次：共1頁，第1頁
 申請者：台灣米亞瑪股份有限公司
 品名：茲柏大廈自來水(早上7點)
 規格：(空白)
 型號：(空白)
 受理日期：91年12月25日 完成日期：91年12月27日

試驗項目	試驗結果
鐵(Fe)	0.19 mg/L
試驗說明： 本試驗係以 ICP-AES 方法試驗。	