

**Measures against PCDDs in Waste Incineration Facilities  
for Repair Works**

**Shigenori Ishimura**

Environmental Systems Administration Division, SANKI ENGINEERING CO., LTD.

4-1, Yurakucho 1-chome, Chiyoda-ku, Tokyo, 100-0006, Japan

Tel; +81-3-3502-6975 Fax; +81-3-3508-9659 e-mail; shigeno\_ishimura@eng.sanki.co.jp

**ABSTRACT**

The outline of the repair work of a municipal waste incineration plant located in Fukushima Prefecture is reviewed. This plant was built in March, 1988 and the waste incineration capacity was 70 tons/day.

The repair work (Started in December 2000 and ended in March 2002. The main item of the repair work was the waste gas treatment apparatus. The other relevant items were also included. This work costed a hundred million yen. The program for the protection of workers from dioxin exposure in the repair work was consisted of the following items.

Program planning

Training of workers

Workplace environment measurements

Build-up of instant waste disposal settlement

Wetting of the emission source of dioxin

Use of PPE

Treatment and disposal of repair work waste