

## 6. The Basic Experiment on Incinerator Plant Disassembly Processing Technology

### —Dust Control Technology and Waste Water Treatment Technology by the Decontamination—

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Dust control technology using the fine particle mist, which added the drug was verified in the disposal incinerator plant. The sedimentation rate of the dust heightened by the atomization of the mist, and the dust quantity lowered. It was also able to be confirmed that the re-floating depression effect of the dust was remarkable, if a film is formed in the sedimentation dust surface, by spraying the drug of the polymer system on again settled dust and sedimentation dust in the mist state. It experimented in order to develop dioxines inclusion waste water treatment system based on the dynamic membrane filtration treatment, basically, and it was applied to the demonstration construction. It was able to be confirmed that in decontamination water treatment in the demonstration construction, the extraction ratio of dioxines was about 99.95%, and that the treatment performance of heavy metal is also good.

**Key words:** Incinerator plant disassembly, dioxin, mist, dust, membrane treatment.