

1. Introduction

In July 2011, JFE Kankyo started up the Yokohama Eco-Clean Factory using the world's first combined incineration and melting system in which a kiln-type ash melting furnace is directly linked with a kiln-stoker furnace. The facility was designed and constructed by JFE Engineering. With the startup of this facility and the existing Kawasaki Eco-Clean Factory (Kawasaki Ward, Kawasaki City) and the Ogishima Incineration Plant (Ogishima, Tsurumi Ward, Yokohama City), JFE Kankyo has now established a 3-incinerator system with an annual treatment capacity of 167 000 tons in the Tokyo Metropolitan area.

2. Outline of Yokohama Eco-Clean Factory

2.1 Treatment Capacity and Treatment Flow

This facility has a treatment capacity of 167,000 tons per year. The facility is located in Yokohama City, Kanagawa Prefecture, Japan. The facility is operated by JFE Kankyo (JFE Kankyo Co., Ltd.).

