



Preventive Activities

Noise, vibration, odors and other phenomena sensed by human beings, while they may be restrained to levels that satisfy legal regulations, may still be undesirable to those residing on the periphery of our plants. We are therefore adopting measures to reduce or eliminate such unpleasantness through attention to solving these problems at their source and locating plant buildings to minimize these issues. To deal with noise and vibration, we choose equipment, manufacturing facilities, and other machinery that create minimum levels of sound and vibration and locate more

offensive equipment in the central area of plant sites. Moreover, to restrain the noise heard by those in the periphery of our plants, we place soundproof covers on equipment, construct sound-absorbing walls, and take other measures. In addition, to comply with restrictions, we conduct periodic tests of the sound levels at the edge of our plant sites. To control odors, we have installed odor-removing devices on the concentration equipment used to treat waste gases and wastewater coming from our foundry plant, which is the main source of this problem.



▲ Measuring sound and vibration levels

Workplace Improvement Activities

Controlling Oil Mist with Collectors

To deal with oil mist, which is emitted by plant production lines, we have introduced mist-collecting equipment. This not only further improves the working environment, it prevents its release into the atmosphere.



▲ Mist collector at the Hekinan Plant

Enhancing the Indoor Environment through Improved Air Conditioning

We have introduced air-conditioning systems that make it possible to seal off our plants from the outside air. These systems incorporate gas-type heat pumps and are energy conserving. As a result of the introduction of these systems, we have been able to both enhance the workplace environment and contribute to improvement in the natural environment.



▲ Gas heat pump installed in the Kariya Plant

Improved Noise Suppression for Presses

Along with the full automation of the metal stamping process, we have been able to isolate stamping machinery with soundproof walls. This shuts out the noise of manufacturing processes (such as that emitted by punching operations, the dropping of scrap metal, and the intake of air by automated material handling systems) resulting in a sharp reduction of noise levels.



▲ Transfer press at the Nagakusa Plant

