

## FY2006 Market Monitoring Test Results

**Sample purchase test related to the High Pressure Gas Safety Law**  
**“Aerosol products”**  
Such as hair spray

(National Institute of Technology and Evaluation)

In FY2006, NITE conducted a sample purchase test of “Aerosol products” to confirm their compliance with the requirements (\*see below) under the High Pressure Gas Safety Law (hereinafter referred to as “the Law”). 70 brands of aerosol products were purchased at the retailers for the test including “hair spray,” “household paint,” “automotive paint,” “hair dye” and “hair growth formula.”

All sample products passed the safety test, however, 5 products were found noncompliant with the labeling requirements including text sizes.

Based on the test results, the Ministry of Economy, Trade and Industry (METI) has given administrative guidance to the relevant labelers.

(\*Note)

“Aerosol” products containing liquefied gas are classified as “liquefied gas” under the Law and are subject to manufacture, storage and distribution regulations. However, products with an internal capacity of 1 liter or less that meet the requirements (standards) indicated by the enforcement orders of the Law (see below) are exempted from these regulations.

This test examined aerosol products claiming to be exempt from the Law to see if they actually met the exemption requirements, in order to ensure safety. The products must meet the following requirements to be exempt from the Law.

- (1) Inner pressure: gauge pressure must be 0.8MPa or less at 35 degrees Celsius.
- (2) Pressure tolerance: the container must not deform at 150% inner pressure at 50 degrees Celsius, and must not rupture at 180% inner pressure at 50 degrees Celsius.
- (3) Liquefied gas filled containers must not leak at 48 degrees Celsius.
- (4) Products must meet the labeling requirements.