

Content

Title : Directions Governing the Inspection Procedure for Petroleum Products [Ch](#)

Date : 2025.05.14

Legislative : 1. Adopted and promulgated by Ministerial Order No. 10042, BSMI, MOEA on 6 May 1999.
2. All Clauses amended and promulgated by Ministerial Order No. 2000071, BSMI, MOEA on 29 February 2000.
3. All Clauses amended and promulgated by Ministerial Order No. 0007892, BSMI, MOEA on 29 May 2000.
4. All Clauses amended and promulgated by Ministerial Order No. 2000434, BSMI, MOEA on 20 September 2000.
5. All Clauses amended and promulgated by Ministerial Order No. 09120000430 on 8 February 2002.
6. Clauses 4, 5, 8 and 14 amended and promulgated by Ministerial Order No. 09420008250, BSMI, MOEA on 22 December 2005.
7. All Clauses amended and promulgated by Ministerial Order No. 10120001310 on 15 February 2012.
8. All Clauses amended and promulgated by Ministerial Order No. 11220003460 on 8 June 2023.
9. Clauses 5, 6, 10 amended and promulgated by Ministerial Order No. 11430008030 on 14 May 2025.

Content : 1. These Directions are stipulated by the Bureau of Standards, Metrology and Inspection (BSMI) for implementing the inspection of petroleum products.

2. Scope of Inspection: Petroleum Products that are imported or domestically-manufactured to be placed on the market.

3. Inspection schemes: monitoring inspection or management-system-based monitoring inspection.

4. Product name, type, inspection standards and inspection items for petroleum products are specified in Table 1.

5. Relevant requirements of monitoring inspection (including management-system-based monitoring inspection):

(1) Application:

a. Monitoring inspection: The obligatory inspection applicant shall apply to the BSMI or its branch (hereinafter referred to as the Inspection Authority) for inspection by submitting an inspection application form before the product is imported or transported out of the production premises. For petroleum products subject to CNS 2558 (2025 version, produced by specifically approved processes) and CNS 16221 (2023 version), the applicant shall submit a copy of the test report for the supplementary inspection items issued by a domestic or foreign testing laboratory. The report shall be reviewed by the Hsinchu Branch. If the test report meeting the above requirement has

not yet been obtained, the applicant may apply for prior release of products.

b. Management-system-based monitoring inspection:

(a) An applicant shall register in the monitoring system and submit the application form, together with quality management system certificates issued by the BSMI or by certification bodies recognized by the BSMI, and a list of basic inspection equipment, to the Inspection Authority.

(b) The required basic inspection equipment (including supplementary inspection equipment) is specified in Table 2.

(2) Inspection procedures for Monitoring Inspection:

a. The inspection is carried out by batch examination. Where the obligatory inspection applicant applies for inspection for products of the same origin, the same production premise or brand, and the same type, which have passed batch examination for three consecutive batches, the rate of each

batch afterwards sampled for inspection shall be reduced to 20%. Where non-compliance is found in

the randomly sampled products, batch examination will be resumed.

b. For petroleum products subject to batch inspection or randomly sampled for inspection, an inspection certificate will be issued based on a test analysis report (original) issued by BSMI-designated testing laboratory upon confirmation of compliance of the products with relevant requirements. Products may still be sampled for inspection if there are safety concerns. Where there is no non-compliance record of the products in the submitted application for batch inspection or where the products are sampled for inspection, the content of test analysis reports may include test results of major inspection items. For other situations, the content of test analysis reports shall contain test results of all inspection items.

c. The inspection shall be performed on major items if there is no non-compliance record of the products in the submitted application for batch inspection or if the products are sampled for inspection. The BSMI shall develop plans to monitor compliance with the other inspection items. If there are non-compliance records in batch inspection, all inspection items shall be conducted.

(3) Management-system-based monitoring inspection:

a. Domestically-manufactured cement to be sold in Taiwan: A production premise shall perform inspection of its cement and issue, by countersigning, the inspection certificate if compliance is demonstrated after the inspection.

b. For imported cement: the obligatory inspection applicant shall submit a copy of the registration certificate of the production premise under management-system-based monitoring inspection and the inspection records (original) produced by the production premise to the BSMI for approval before issuing the inspection certificate.

6. Inspection agency:

(1) Liquefied petroleum gases (LPG): Keelung, Taichung and Kaohsiung Branches of the BSMI. Samples taken by the BSMI headquarters, Hsinchu Branch or Hualien Branch of the BSMI are inspected by Keelung Branch; while the samples taken by Tainan Branch of the BSMI are inspected by Kaohsiung Branch.

(2) Petroleum products other than LPG:

a. Major inspection items: to be performed by BSMI Branches. Samples taken by the BSMI headquarters will be inspected by Keelung Branch.

b. Items other than major inspection items: to be performed by BSMI Branches or by inspection bodies commissioned by the BSMI. Supplementary inspection items for products subject to CNS 2558 (2025 version, produced by specifically approved processes) and CNS 16221 (2023 version)

shall be reviewed by the Hsinchu Branch based on the test reports provided by domestic or foreign laboratories.

7. Sampling:

(1) Method: The Branch of the BSMI receiving the inspection application will assign a staff member to take samples from the ship, the bonded tanks (sealed) or the storage tanks of the production premise.

(2) Inspection standards: CNS 1217 "Method of practice for manual sampling of petroleum and petroleum products" and CNS 12952 "Method for Sampling Liquefied Petroleum (LP) Gases."

(3) Quantity: The applicant keeps two samples, while the BSMI Branch keeps one sample (the applicant may sign an undertaking not to keep the samples and waive the right to retest the products).

a. LPG: 300 ml × 4 at minimum (each sampling may be split into several sampling bottles, if it is needed).

b. Fuel oil: 2,000 ml × 2 + 1,000 ml × 1.

c. Aviation turbine fuels: 2,000 ml × 2 + 1,000 ml × 1.

d. Aviation gasolines and unleaded gasoline for automobile: 4,000 ml × 2 + 1,000 ml × 1.

e. Kerosene: 2,000 ml × 2 + 1,000 ml × 1.

f. Diesel fuel oils and automotive diesel fuel: 5,000 ml × 2 + 1,000 ml × 1.

(4) Sampling equipment is to be provided by the applicant.

8. Delivery of samples: As carrying petroleum products by public transportation is not allowed, samples may be delivered by the staff member of the BSMI Branch receiving the application to the inspection agency via transportation means provided by the applicant.

9. Period of inspection:

- (1)LPG: two working days upon receipt of samples, and five working days if further review is needed.
- (2)Fuel oil, aviation turbine fuels, aviation gasolines, unleaded gasoline for automobile, kerosene, diesel fuel oils and automotive diesel fuel: three working days upon receipt of samples, and six working days if further review is needed.

10. Monitoring plan:

- (1)Products and inspection items to be monitored: for petroleum products certified by having their major items inspected, compliance with the rest of the inspection items will be monitored; for petroleum products certified by providing test reports issued by BSMI-designated testing laboratories or produced by registered production premises under management-system-based monitoring inspection procedure, compliance with all inspection items shall be monitored.
- (2)Inspection agency: Clause 6 shall apply. Supplementary inspection items for products subject to CNS 2558 (2025 version, produced by specifically approved processes) and CNS 16221 (2023 version) may be tested via witness testing.
- (3)Period of inspection: ten working days upon receipt of the samples and the inspection period mentioned in Clause 9 shall not apply.
- (4)Actions to be taken if non-compliance is found in monitoring results:
- a. Monitoring inspection: The inspection of petroleum products of the same place of origin, the same production premise or brand, the same model (the same type) is changed to batch inspection, covering all inspection items. Monitoring inspection shall be resumed under the circumstance that compliance with requirements is demonstrated for three consecutive batches.
 - b. Management-system-based monitoring inspection: The inspection of petroleum products of the same place of origin, the same production premise or brand, the same model (the same type) is changed to batch inspection for one to six months.

Attachments : Table 1.pdf
Table 2.pdf

Data Source : Ministry of Economic Affairs R.O.C.(Taiwan) Laws and Regulations Retrieving System