HELLENIC REPUBLIC

IAPR
Independent Authority
for Public Revenue

Athens, 23 May 2024
Protocol No:
30/010/000/**56/2024**

SUPREME CHEMICAL COUNCIL

Postal address: 16, Tsocha Street, Athens
Postal code **:** 115 21
Information **:** E. Bania-Georgopoulou
Telephone **:** 210-6479244,230
E-mail **:** axs@aade.gr

TO:

General Chemical State Laboratory
Directorate for Energy, Industrial and Chemical Products
Section A

SUBJECT: SCC (Supreme Chemical Council) Decision 56/2024

In response to your letter with ref. No. 30/004/000/732/19-04-2024, by which you forwarded us your proposal on the adoption of an SCC Decision entitled**: "Nitrogen oxides (NOx) reduction agent for exhaust gases of vehicles with diesel engines, Aqueous Urea Solution 32 (AUS 32) – Requirements and test methods",** we would like to inform you that the Supreme Chemical Council, which we preside over, after examining the matter, at the meeting held on the 29th April 2024 and having worked out the legal-technical aspects of the proposal in question, has decided

unanimously as follows:

"Nitrogen oxides (NOx) reduction agent for exhaust gases of vehicles with diesel engines, Aqueous Urea Solution 32 (AUS 32) – Requirements and test methods"

Article 1
Objective and scope

The provisions of this Decision lay down:

(a) The quality characteristics of the nitrogen oxides (Nox) reduction agent, which is an Aqueous Urea Solution 32 (AUS 32), required to operate selective catalytic reduction (SCR) converter systems in motor vehicles with diesel engines.
(b) Test methods for product quality control.

Article 2
Definitions

For the purposes of this Decision, the definitions in point 3 “Terms and definitions” of ELOT ISO 22241-1:2023 shall apply.
Hereinafter, the Aqueous Urea Solution 32 (AUS 32) is referred to as the product.

Article 3
Sampling

Samples shall be taken in accordance with Annex A – Sampling of the standard ELOT ISO 22241-2:2023 Diesel engines - Nitrogen oxides reduction agent, Aqueous Urea Solution 32 (AUS 32) – Part 2: Test methods. Samples shall be examined in accordance with the procedure specified in SCC Decision 54/2015 “Procedures for sampling, examination and opinion on regularity or non-regularity of liquid fuel samples (Government Gazette 462/B/2015).

Article 4
Quality requirements and test methods

The product can only be used in Euro 6 compatible diesel engine vehicles equipped with a selective catalytic reduction (SCR) converter system.
The product available on the Greek territory complies with the quality requirements set out in the standard “ELOT ISO 22241-1:2023 Diesel engines - Nitrogen oxides reduction agent, Aqueous Urea Solution 32 (AUS 32) – Part 1: Quality requirements”, which becomes mandatory. Table 1 of the above standard sets out general requirements and test methods for this product.
Compliance with the limits set out in Table 1 of the above standard shall be verified with the test methods indicated therein or other methods specified by a recognised standard. In case of discrepancy, the methods set out in Table 1 of the above standard shall be considered as the arbitration methods.

Annexes B to I of ELOT ISO 22241-2:2023 ‘Diesel engines - Nitrogen oxides reduction agent, Aqueous Urea Solution 32 (AUS 32) – Part 2: Test methods” specify the following:
Annex B – Determination of urea content from total nitrogen;
Annex C – Determination of urea content by measuring the refractive index;
Annex D – Alkalinity determination;
Annex E – Determination of biurea content;
Annex F – Determination of aldehyde content;
Annex G – Determination of the content of insoluble substances by gravimetric analysis;
Annex H – Determination of phosphate content by photometric method;
Annex I – Determination of micronutrient content (Al, Ca, Cr, Cu, Fe, K, Mg, Na, Ni, P and Zn) by the ICP-OES method;

The identity of the product can be determined as described in Annex J – Identification using the FTIR spectrometry method.

The accuracy, according to ELOT ISO 4259, is given in Annex K – Accuracy of the test method of standard ELOT ISO 22241-2:2023.

Article 5
Name and Labelling

Without prejudice to the optional simultaneous use of names or other trade names, a product complying with the requirements of standard ELOT ISO 22241-1:2023 shall be named in the following order: (a) The term ΥΔΟ 32 or alternatively AUS 32. (b) Reference to the relevant standard.
EXAMPLE 1 ΥΔΟ 32 ELOT ISO 22241-1
EXAMPLE 2 AUS 32 ELOT ISO 22241-1
EXAMPLE 3 AdBlue ELOT ISO 22241-1.

Article 6
Mutual recognition clause

Products which fall under the provisions of this Decision and are lawfully marketed in another Member State of the European Union or in Turkey, or which originate from and are lawfully marketed in the contracting parties to the EEA Agreement shall be presumed to comply with the provisions of this Decision. The application of these provisions is subject to Regulation (EU) 2019/515 of the European Parliament and of the Council of 19 March 2019

on the mutual recognition of goods lawfully marketed in another Member State.

Article 7
Entry into force

This Decision shall enter into force six (*6*) *months* after its publication in the Government
Gazette.
This Decision shall be published in the Government Gazette.

THE CHAIRMAN **THE SECRETARY**

EVANGELOS BAKEAS **ELENI BANIA-GEORGOPOULOU**