

Saybolt

A CORE LABORATORIES COMPANY



SA YBOLT PAN ADRIATIKA

*Croatia's experience on
monitoring*

First regulation in Croatia was put in force in 2008.
Ministry of Environmental Protection, Physical Planning
and Construction

regulates

Method of sampling at gas stations and warehouses

- Number and frequency of sampling
- Locations of sampling in dependence of quantity of products importer has sold on domestic market
- Specification of analysis to be performed

stations and warehouses

Sampling must be performed in accordance to EN 14275 – Sampling from retail site pumps and commercial site fuel dispensers

at least 4 lit of sample must be taken but not first 4 litres from pump line

Sampling – handling, storage, labelling must be in accordance to EN ISO 3170

Manual sampling

being calculated proportionally to the volume
of sold products in winter/summer period

Winter 01.10-30.04.

Summer 01.05.-30.09.

Products to be monitored

Gasoline

Gas oil

Fuel oil extra light

At least one sample per season must be taken

In accordance to sales volume.

<u>sales volume m3</u>	<u>No.of samples</u>
less than 1000	1
more than 1001-4000	2
more than 4001-10000	3
more than 10001-40000	5
more than 40001-80000	6
more than 80000	not less than 8

be performed

Sampler must be accredited by EN ISO/IEC 17020,

Class A

Analysing laboratory must be accredited laboratory
EN ISO/IEC 17025

Sampler must conclude contract with the supplier, but
must report plan of sampling to Ministry of Environment
Protection, Physical Planning and Construction

Location of sampling is not disclosed to supplier of product

Scope of analysis is the same as regulated in Regulation

on the quality of oil products

monitoring

- Performer of analysis cannot be suppliers lab – conflict of interest
 - Example INA cannot perform analysis in their own lab even if it is accredited by ISO 17025
- Sampler cannot be supplier
 - Some suppliers sample their own gas stations
- Not all suppliers warehouses are included by regulation

Thank you for your attention!

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