

Crude Oil Testing Requirements



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To Protect People and the Environment From the Risks of
Hazardous Materials Transportation

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Tenents of the HMR



Classify

Contain

Communicate

Comply



Sampling and Testing Program Overview

- Under new § 173.41 shippers in **all modes** must develop and carry out a sampling and testing program for all unrefined petroleum-based products.
- In addition, shippers must certify that program is in place and make information available to DOT personnel upon request.
- Voluntary use of API RP 3000 may satisfy certain requirements of the new program. However, the API RP 3000 is NOT included as IBR material at this time.



Shipper's Responsibility

- (b) Each person who offers a hazardous material for transportation in commerce must comply with all applicable requirements of this subchapter, or an exemption or special permit, approval, or registration issued under this subchapter or under subchapter A of this chapter. There may be more than one offeror of a shipment of hazardous materials. Each offeror is responsible for complying with the requirements of this subchapter, or an exemption or special permit, approval, or registration issued under this subchapter or subchapter A of this chapter, with respect to any pre-transportation function that it performs or is required to perform; however, each offeror is responsible only for the specific pre-transportation functions that it performs or is required to perform, and each offeror may rely on information provided by another offeror, **unless that offeror knows or, a reasonable person, acting in the circumstances and exercising reasonable care, would have knowledge that the information provided by the other offeror is incorrect.**



Shipper's Responsibility

- **§173.22 Shipper's responsibility.**
- (a) Except as otherwise provided in this part, a person may offer a hazardous material for transportation in a packaging or container required by this part only in accordance with the following:
 - (1) The person shall class and describe the hazardous material in accordance with parts 172 and 173 of this subchapter, and



Carrier's Responsibility

- **§171.2 General requirements.**
- (f) No person may transport a hazardous material in commerce unless the hazardous material is transported in accordance with applicable requirements of this subchapter, or an exemption or special permit, approval, or registration issued under this subchapter or subchapter A of this chapter.
Each carrier who transports a hazardous material in commerce may rely on information provided by the offeror of the hazardous material or a prior carrier, unless the carrier knows or, a reasonable person, acting in the circumstances and exercising reasonable care, would have knowledge that the information provided by the offeror or prior carrier is incorrect



173.41 Sampling and Testing Program for Unrefined Petroleum-based Products

- (a) General. Unrefined petroleum-based products offered for transportation must be properly classed and described as prescribed in § 173.22, in accordance with a sampling and testing program, which specifies at a minimum:



Sampling and Testing Program

- (1) A frequency of sampling and testing that accounts for any appreciable variability of the material (e.g., history, temperature, method of extraction [including chemical use], location of extraction, time of year, length of time between shipments);



Sampling and Testing Program

- (5) Quality control measures for sample frequencies;
- (6) Duplicate sampling methods or equivalent measures for quality assurance;



Sampling and Testing Program

- (7) Criteria for modifying the sampling and testing program; and
- (8) Testing or other appropriate methods used to identify properties of the mixture relevant to packaging requirements (e.g., compatibility with packaging, identifying specific gravity for filling packages).



Hazardous Materials Info Center



- Obtain answers to HMR questions
- Request copies of Federal Register, special permits or training materials
- Report HMR violations
- Fax on Demand

