

**BUREAU OF INDIAN STANDARDS**

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**IS 1447 Part 1: 2021** पेट्रोलियम और इसके उत्पादों के नमूने लेने की पद्धतियाँ  
(भाग 1) हाथ से नमूने लेना  
(दूसरा पुनरीक्षण)  
में  
मसौदा संशोधन संख्या 1

***Draft* AMENDMENT NO.1**

**TO**

**IS 1447 Part 1: 2021 METHODS OF SAMPLING OF PETROLEUM AND ITS PRODUCTS  
(PART 1) MANUAL SAMPLING  
(Second Revision)**

(ICS 75.080)

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Methods of Sampling and Test for Petroleum and  
Related Products of Natural or Synthetic Origin  
(excluding bitumen) Sectional Committee, PCD 01

Last date for sharing the comments is  
**08 March 2025**

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[Page 3, clause 3.1.19] — Substitute the following for existing clause 3.1.19

3.1.19 Composite Spot Sample — A blend of spot samples mixed in proportion to the volumes of materials from which the spot samples were obtained. Some tests may also be made on the spot samples before blending and the results averaged. Spot samples from crude oil, petroleum and petrochemical product tanks are collected as follows.

[Page 3, clause 3.1.19.1] — Substitute the following for existing clause 3.1.19.1

3.1.19.1 Three-way — On tanks that contain in excess 4.5 m of oil, equal volume samples should be taken at the upper, middle and lower or outlet connection of the crude oil, petroleum and petrochemical product, in the order named. On tanks of 1 000-barrel capacity and less, this method may also be used.

[Page 3, clause 3.1.19.2] — Substitute the following for existing clause 3.1.19.2

3.1.19.2 Two-way — On tanks that contain in excess of 3.0 m and up to 4.5 m of oil, equal-volume samples should be taken at the upper and lower, or outlet, connection of the crude oil, petroleum and petrochemical product, in the order named. On tanks of 159 m<sup>3</sup> (1 000 barrel) capacity and under, this method may also be used.

[Page 3, clause 3.1.20] — Substitute the following for existing clause 3.1.20

3.1.20 Middle Spot Sample — On tanks containing 3.0 m or less of crude oil, petroleum and petrochemical product, one spot sample should be taken near the Centre of the vertical column of oil as possible and outlet connection. The following table represents the content in 3.1.19 and 3.1.20.

Liquid product Level	Samples to be collected from layer		
	Upper	Middle	Lower
Liquid level $\leq 3$ m		X	
Liquid level $>3$ m and $\leq 4.5$ m	X		X
Liquid level $>4.5$ m	X	X	X

(PCD 1)