

# Odorant Level Verification Regarding Jurisdictional LPG Systems

2021 Jurisdictional LP  
Pipeline Safety Seminar  
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# Odorant Level Requirement

- §192.625(a) A combustible gas in a distribution line must contain a natural odorant or be odorized so that at a concentration in air of one-fifth of the lower explosive limit (LEL), the gas is readily detectable by a person with a normal sense of smell.



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# Odorant Level Requirement (Continued)

- The LEL of Propane: 2.1% Gas-in-Air
- Odorant must be readily detectable by a person with a normal sense of smell at a concentration of 0.42% Gas-in-Air



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# Odorant Level Measurement

- §192.625(f) To assure the proper concentration of odorant in accordance with this section, each operator or person who engages in the transportation of gas must conduct periodic sampling of combustible gases using an instrument capable of determining the percentage of gas in air at which the odor becomes readily detectable.



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# Odorant Level Measurement Equipment

Bacharach Odorometer



YZ DTEX



Thank You!



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