

## KMEP 2023-2024 OXYGENATED FUEL REQUIREMENTS

\*\*\* NOTES\*\*\*

**Note 1:**

Arizona, California and Oregon recognize ASTM D-4815 test method for oxygenates in gasoline. The calculated reproducibility for method D-4815 is as follows:

Ethanol:           0.23 ( $X^{0.57}$ )  
Where X = mean mass percent of the component.

ETHANOL

Mass Percent	Reproducibility wt%
1.8	1.48 - 2.12
2.2	1.84 - 2.56
2.7	2.44 - 2.96
3.5	3.20 - 3.80

**Note 2:**

Nevada (Clark County) does not recognize ASTM Method D-4815 for calculating reproducibility. The lower limit reproducibility for oxygenate blends (Ethanol) within Clark County is as follows:

Mass Percent	Reproducibility Lower Limit wt. %
3.5	3.15

**Note 3:**

Nevada (Washoe County) does not receive a 1 psi waiver for Ethanol blends with less than 9.0 vol% Ethanol.