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Judy Cardin
Chairwoman, Laws and Regulation Committee
National Conference on Weights and Measures
Wisconsin Weights and Measures
2811 Agriculture Drive
Madison, Wisconsin 53708

Date: 7/10/13
Re: Fuel Filtration

Ms. Cardin,

I am writing in response to a question I have been asked regarding filtration for diesel fuel at the dispenser and item 247-8 Section 4.3 Dispenser Filters on the NCWM Laws and Regulations Committee agenda. For years, the standard rule of thumb has been “30 Micron” filters for diesel applications and “10 Micron” filters for gasoline applications. Please refer to Filter Manufacturers Council Technical Service Bulletin TSB 89-5, “The Micron Rating for Media in Fluid Filters” (<http://www.aftermarketsuppliers.org/Councils/Filter-Manufacturers-Council/TSBs-2/English/89-5R3.pdf>) for an explanation of micron ratings for fluid filters.

Based on our experience, most diesel dispensers are outfitted with “30 Micron” filters and perform adequately. This statement applies to both high and low flow applications. There are a variety of factors that go into filter selection for a given application to ensure that proper performance is achieved in a cost effective manner. I would be more than happy to elaborate on this however it is a complicated subject that would require several pages to communicate appropriately via letter.

Please let us know if you have any questions and we will be more than happy to help.

Regards,

A handwritten signature in black ink, appearing to read "Jeff Ayers".

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