

Message

From: Daguillard, Robert [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=BBE9682B940C4F2C90732E4D37355DD4-DAGUILLARD,]
Sent: 10/3/2017 5:10:08 PM
To: Christiaan Hetzner [redacted] Ex. 6
CC: Press [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b293283291dc44e0b5d1c36be9281d8a-Press]
Subject: RE: Press Inquiry about diesels, outdoor air quality limits and German carmakers

Christiaan, same attribution as earlier, please:

EPA's current 1-hour national ambient air quality standard for NO₂ is a level of 100 ppb. The form for the 1-hour NO₂ standard is the 3-year average of the 98th percentile of the annual distribution of daily maximum 1-hour average concentrations. A level of 100 ppb is equivalent to 190 ug/m³.

EPA also has an annual standard for NO₂ of 53 ppb averaged over a year. A level of 53 ppb is equivalent to 100 ug/m³.

Whether the US standard is more or less stringent than an EU standard would depend on a variety of factors including the form and averaging time, in addition to the level of the standard.

From: Christiaan Hetzner [mailto:redacted] Ex. 6
Sent: Tuesday, October 03, 2017 10:30 AM
To: Daguillard, Robert <Daguillard.Robert@epa.gov>
Subject: Re: Press Inquiry about diesels, outdoor air quality limits and German carmakers

Many many thanks, Robert!

there doesnt seem to be an annual figure in other words. And the 100 ppb - there wouldnt happen to be a metric equivalent in micrograms per cubic meter of volume?

Best
C

Sent from my iPad

On 3. Oct 2017, at 16:13, Daguillard, Robert <Daguillard.Robert@epa.gov> wrote:

Christiaan, for attribution to "an EPA spokesperson," please:

In 2010, EPA established a 1-hour national ambient air quality standard for NO₂ at a level of 100 ppb. This level defines the maximum allowable concentration anywhere in an area. The agency also set a new "form" for the standard. The form is the air quality statistic used to determine if an area meets the standard. The form for the 1-hour NO₂ standard is the 3-year average of the 98th percentile of the annual distribution of daily maximum 1-hour average concentrations.

In addition to state and federal efforts to attain the NO₂ NAAQS directly, EPA has developed other programs to reduce emissions of NO_x (including NO₂) in order to reduce acid deposition, formation of ground-level ozone and fine particulate matter. These programs include, a number of emissions

standards for transportation sources, the Acid Rain Program, NOx Budget Trading Program, the Clean Air Interstate Rule and Cross State Air Pollution Rule. These programs are significantly reducing power sector NOx emissions (including NO2) to help states attain the ozone and PM2.5 NAAQS. For example, since 1997, power plants affected by these programs, along with other regional and state NOx emission control programs, have cut ozone season NOx emissions by over 75 percent.

The current U.S. standard for ground-level ozone is 0.070 parts per million (ppm), or 70 ppb.

Regards, R.

Robert Daguillard
Office of Media Relations
U.S. Environmental Protection Agency
Washington, DC
+1 (202) 564-6618 (O)
Ex. 6 (M)

From: Christiaan Hetzner [mailto:**Ex. 6**]
Sent: Monday, October 02, 2017 12:12 PM
To: Daguillard, Robert <Daguillard.Robert@epa.gov>
Cc: Press <Press@epa.gov>; Jones, Enesta <Jones.Enesta@epa.gov>
Subject: Re: Press Inquiry about diesels, outdoor air quality limits and German carmakers

My apologies, should have given an indication about that. Would ideally have an answer by the close of business your time, since it's for a piece i plan to send to my editor tomorrow morning German time. Whether he uses it then or on Wednesday for example, is something over which i have no control.

The EU's limits are derived from a WHO recommendation - 200 micrograms per cubic meter max on any one hour, and an annual average that may not exceed 40.

Not looking for a statement, just checking whether Wissmann is playing fast and loose with the facts when he says the EPA has a higher threshold of 100 (for the annual basis)

best
Christiaan

On Oct 2, 2017, at 6:05 PM, Daguillard, Robert <Daguillard.Robert@epa.gov> wrote:

I'll take this.

From: Christiaan Hetzner [mailto:**Ex. 6**]
Sent: Monday, October 02, 2017 11:43 AM
To: Press <Press@epa.gov>
Cc: Jones, Enesta <Jones.Enesta@epa.gov>
Subject: Press Inquiry about diesels, outdoor air quality limits and German carmakers

Dear EPA press team,

I am a reporter covering the German auto industry for Automotive News (below a page from our latest issue), and was hoping you might be able to help me with a claim from the German automotive industry association VDA.

VDA President Matthias Wissmann, who also represents the global industry as OICA head, said the EPA limit for nitrogen dioxide concentrations was 100 micrograms per cubic meter of *ambient* air on an average annual basis. He loosely recommended the EU switch to the more lenient U.S. standards.

Can you confirm for me whether that is true, since in the EU the level is only 40 and hence dozens of cities are failing to meet them given the large numbers of diesels on our roads. Many thanks!

Sincerely,
Christiaan Hetzner

Mobile:

Ex. 6

<image001.png>