

## ***Interactive comment on “Mobile laboratory measurements of black carbon, polycyclic aromatic hydrocarbons and other vehicle emissions in Mexico City” by M. Jiang et al.***

### **Anonymous Referee #4**

Received and published: 26 September 2005

General Comments: This is an excellent paper that presents an interesting and scientifically important study in a clear and concisely written manuscript. I really cannot make any substantial suggestions for improvement. It should be published very much as it is.

Specific Comments: 1) The major value of this paper is in providing checks on emission inventories for Mexico City. I suggest that this be reflected in the title of the paper; something like “Vehicle fleet emission quantification through mobile laboratory measurements in Mexico City” 2) In the first paragraph of the introduction, it would be of

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interest to give the standards for ozone and PM10. 3) Figure 1 is unnecessary. It appears to be more of an advertisement than a necessary diagram. The Kolb et al., 2004 reference will suffice for readers interested in the mobile lab layout

Technical Correction: 1) In line 12 of the Abstract, “is continuously sampling” should be “continuously sampled”. 2) In line 2 of pg. 7397 “are dominant and fresh and unaffected” can be shortened to “dominate and are unaffected”

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Interactive comment on Atmos. Chem. Phys. Discuss., 5, 7387, 2005.

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