

Populations, Activity and Emissions of Diesel Nonroad Equipment in EPA Region 7

DRI PM Blind Study Results Appendix P

Assessment and Standards Division
Office of Transportation and Air Quality
U.S. Environmental Protection Agency

Prepared for EPA by
Eastern Research Group, Inc. (ERG)
EPA Contract No. EP-C-06-080

DRI Pre-Test Results

DRI ID	Whatman ID	Initial Mass (mg)	Date of Initial Mass	COMMENT
PEMGT001	T5059128	143.140	05/09/07	
PEMGT002	T5059143	145.650	05/09/07	
PEMGT003	T5059144	143.573	05/09/07	
PEMGT004	T5059142	142.391	05/09/07	
PEMGT005	T5059127	144.709	05/09/07	
PEMGT006	T5059130	145.072	05/09/07	
PEMGT007	T5059129	144.561	05/09/07	
PEMGT008	T5059138	143.043	05/09/07	
PEMGT009	T5059136	141.756	05/09/07	
PEMGT010	T5059101	139.224	05/09/07	
PEMGT011	T5059114	144.181	05/09/07	
PEMGT012	T5059137	140.774	05/09/07	

[illegible]

Comments The filter room ambient conditions are outside of tolerance limits.

Vehicle/Engine Identification: Round Robin

Post-Test Weighing

☒ Apply Buoyancy Correction☐ TX40 (chk) Teflo (unchk)

Test Site Name

Test Start Date Test Start Time

Time filters removed from holders

Time 10:30

Time 12:50

Time filters returned to weighing environment

Conditioning Start Date 5/24/07 Time 15:00

Weighing Start Date	5/24/07	Time	16:00
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Weighing End Date	5/14/07	Time	13:35
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Filters Weighed By 020550

Factor	1.00112
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Filters sealed in holders or in petri dish in when leaving the weighing room?

Date Left Room _____ Time _____

The pretest filters have been conditioned and weighed in accordance with TP 714

Name _____

Weighting End Date 5/24/07

Time 16:40

Filters' Weighed By 205550

Factor	1.00112
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The post-test filters have been conditioned and weighed in accordance with TP 714

Name _____

Comments - ACCEPTANCE CRITERIA FAILURE

DRI Post-Test Results

DRI ID	Whatman ID	Initial Mass (mg)	Final Mass (mg)	Date of Initial Mass	Date of Final Mass	COMMENT
PEMGT001	T5059128	143.140	143.645	05/09/07	06/04/07	
PEMGT002	T5059143	145.650	146.168	05/09/07	06/04/07	
PEMGT003	T5059144	143.573	145.153	05/09/07	06/04/07	
PEMGT004	T5059142	142.391	144.004	05/09/07	06/04/07	
PEMGT005	T5059127	144.709	147.677	05/09/07	06/04/07	
PEMGT006	T5059130	145.072	148.113	05/09/07	06/04/07	
PEMGT007	T5059129	144.561	148.945	05/09/07	06/04/07	
PEMGT008	T5059138	143.043	147.505	05/09/07	06/04/07	
PEMGT009	T5059136	141.756	141.786	05/09/07	06/04/07	
PEMGT009	T5059136	141.327		06/05/07		with punch in ring
PEMGT010	T5059101	139.224	139.280	05/09/07	06/04/07	
PEMGT011	T5059114	144.181	144.227	05/09/07	06/04/07	
PEMGT012	T5059137	140.774	140.818	05/09/07	06/04/07	

Vehicle/Engine Identification: Round Robin

Data Module 20070514124609

Form TP714-01B

Pretest Weighing

☒ Apply Buoyancy Correction

☐ TX40 (chk) Teflo (unchk)

Balance Serial Number	1119101299
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Post-Test Weighing

Test Site Name

Test Start Date _____ Test Start Time _____

Time filters removed from holders

Time filters returned to weighing environment

Conditioning Start Date 6/6/07 Time 17:00

Weighing Start Date	<u>6/7/07</u>	Time	<u>17:00</u>
		Time	<u>7:45</u>

Conditioning Start Date

5/14/07

Time 10:30

Weighing Start Date

5/14/07

Time 12:50

[illegible]

Weighing End Date

5/14/07

Time 13:35

Filters Weighed By

020550

Factor	1.00112
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Filters sealed in holders or in petri dish in when leaving the weighing room?

● Holder
○ Dish

Date Left Room

Time

The pretest filters have been conditioned and weighed in accordance with TP 714

Name _____

Comments	Name
- No acceptance criteria failures identified.	

Weighting End Date

6/7/07

Time 08:25

Filters Weighed By

205550

Factor	1.00111
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The post-test filters have been conditioned and weighed in accordance with TP 714

Name _____