

MEDIA LIFE ANALYSIS SAMPLING INSTRUCTIONS

The enclosed **Media Life Analysis (MLA) Sampling Kit** should be used to sample one Purafil dry-scrubbing system. For example, if you have a two-pass system, prepare and return two sample bags, gather one for each pass. Additional bags can be stored for further use. **Complete the transmittal form. Include the detailed information listed on the “Unit Nameplate” on the media sample analysis transmittal form and the media sample bags which are also enclosed.**

Purafil Media Sampling Procedure

Reminder: DO NOT SAMPLE MEDIA FROM THE CAP OF THE PORT

How Much to Sample: At least half of cup = 4 ounces = 118 milliliters

For Modules: Remove one Purafil module from near the center of the bank to be tested. Pour about 1/3 to 1/2 of the contents of the module into a box and fill the sample bag with pellets. Refill the module adding a little new media, if necessary, and replace in the system.

For Bulk Fill Systems: Using the last three (3) inches of each twelve (12) inch bed, insert the sample probe halfway down into the bed for samples. Continue this procedure until the sample bag is filled.

Mark the bag with the following information:

- Sales Order (S.O.) Number
- Serial Number
- Media Type
- Unit Type
- Date Filled
- Date Sampled
- Indicate which bed/pass the media is from

***Return the completed media sample transmittal form and filled media sample bags to the address below:**

**Purafil – Chelsea Newton-Lab
2654 Weaver Way
Doraville, Georgia 30340**

When to sample:

- Puracarb – every 6 months (2x a year)
- Chemisorbant, ChemiSelect, Purafil SP – every 3 months (4x a year – quarterly)

*****All samples are held for 60 days following initial analysis report*****

MEDIA SAMPLE ANALYSIS TRANSMITTAL

Serial Number: _____ Unit Type: _____

Important Notes

Purafil requires each customer to complete and submit the Media Sample Transmittal form prior to conducting the Media Sample Analysis testing. **Please make any necessary changes on this sample transmittal form.** Use a separate transmittal form for each unit and identify each unit by serial number. A maximum of four media beds can be sampled and submitted with each transmittal form.

| | |
|--------------------------------------|--|
| Sales Rep* | |
| Company Name of Installation* | |
| Company Contact* | |
| Phone Number / Email Address* | |
| Address of Scrubber* | |
| Specific Room/Area Treated | |

COMPLETE THE FOLLOWING BEFORE RETURNING TO PURAFIL INC.

Number according to the direction of the airflow:

| | Bed 1 | Bed 2 | Bed 3 | Bed 4 |
|-----------------------------------|-------|-------|-------|-------|
| Media/Trade Name | | | | |
| Your Sample Identification | | | | |
| Date Current Media Filled* | | | | |
| Date Sample Taken* | | | | |

| LAB USE ONLY | | | | |
|---|--|--|--|--|
| % NanO₄/KmnO₄ | | | | |
| Na₂S₂O₃ | | | | |
| pH | | | | |
| Wet Weight (g) | | | | |
| Dry Weight (g) | | | | |

An asterisk (*) denotes mandatory fields. The designated default time for “date current media filled” is 12 months prior to the “date sample taken”.