



TEST DUSTS & SUPPLIES CAPABILITIES LIST - JANUARY 2007																				
Test Dust / Sup. Code	Test Dust / Supply	Test Dust Composition / Supply Description																		
001-D	ASHRAE 52.1/52.2 Standard Test Dust	ASHRAE 52.1/52.2 standard test dust, <i>meets or exceeds specifications set forth in ASHRAE 52.1-1992/52.2-1999</i> ; 72 % standardized air cleaner test dust (fine) 23 % Molacco black (carbon) 5 % cotton lintens (ground, #7) <i>Note: 5 lb. minimum order</i>																		
002-D	AFI Standard Test Dust	72 % standardized air cleaner test dust (fine) 25 % Molacco black (carbon) 3 % cotton lintens (ground, #7) <i>Note: 5 lb. minimum order</i>																		
003-D	Mixed Test Dust	97 % standardized air cleaner test dust (fine) 3 % cotton lintens (ground, #7) <i>Note: 5 lb. minimum order</i>																		
004-D	Standardized Air Cleaner Test Dust, Fine (SAE Fine or ISO Fine)	Natural Earth dust obtained in raw form from Arizona w/ the following particle size distribution by roller air analysis: <table border="1" style="margin-left: 20px; border-collapse: collapse; width: 80%;"> <tbody> <tr> <td style="width: 15%;">0 - 5</td> <td style="width: 55%;">micron (µm)</td> <td style="width: 30%; text-align: right;">39 ± 2 %</td> </tr> <tr> <td>5 - 10</td> <td>micron (µm)</td> <td style="text-align: right;">18 ± 3 %</td> </tr> <tr> <td>10 - 20</td> <td>micron (µm)</td> <td style="text-align: right;">16 ± 3 %</td> </tr> <tr> <td>20 - 40</td> <td>micron (µm)</td> <td style="text-align: right;">18 ± 3 %</td> </tr> <tr> <td>40 - 80</td> <td>micron (µm)</td> <td style="text-align: right;">9 ± 3 %</td> </tr> </tbody> </table>	0 - 5	micron (µm)	39 ± 2 %	5 - 10	micron (µm)	18 ± 3 %	10 - 20	micron (µm)	16 ± 3 %	20 - 40	micron (µm)	18 ± 3 %	40 - 80	micron (µm)	9 ± 3 %			
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005-D	Standardized Air Cleaner Test Dust, Coarse (SAE Coarse or ISO Coarse)	Natural earth dust obtained in raw form from Arizona w/ the following particle size distribution by roller air analysis: <table border="1" style="margin-left: 20px; border-collapse: collapse; width: 80%;"> <tbody> <tr> <td style="width: 15%;">0 - 5</td> <td style="width: 55%;">micron (µm)</td> <td style="width: 30%; text-align: right;">12 ± 2 %</td> </tr> <tr> <td>5 - 10</td> <td>micron (µm)</td> <td style="text-align: right;">12 ± 3 %</td> </tr> <tr> <td>10 - 20</td> <td>micron (µm)</td> <td style="text-align: right;">14 ± 3 %</td> </tr> <tr> <td>20 - 40</td> <td>micron (µm)</td> <td style="text-align: right;">23 ± 3 %</td> </tr> <tr> <td>40 - 80</td> <td>micron (µm)</td> <td style="text-align: right;">30 ± 3 %</td> </tr> <tr> <td>80 - 200</td> <td>micron (µm)</td> <td style="text-align: right;">9 ± 3 %</td> </tr> </tbody> </table>	0 - 5	micron (µm)	12 ± 2 %	5 - 10	micron (µm)	12 ± 3 %	10 - 20	micron (µm)	14 ± 3 %	20 - 40	micron (µm)	23 ± 3 %	40 - 80	micron (µm)	30 ± 3 %	80 - 200	micron (µm)	9 ± 3 %
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Air Filter Testing Laboratories, Inc.
 4632 Old LaGrange Road
 Buckner, KY 40010
 Phone (502) 222-5720 | Fax (502) 222-9881
 Internet - aftl.net

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Test Code	Test Method	Test Method Description
006-D	Cotton Linters (Ground #7 / Unground)	<p>Fine cotton fiber next to the boll shell, contains occasional small particles of the hull. Ground cotton is processed through a Wiley mill equipped w/ a screen having 5 mm diameter apertures</p> <ul style="list-style-type: none"> • Cotton linters, ground, #7 • Cotton linters, unground
015-D	Custom Test Dust Blends	Contact AFTL, Inc. w/ requirements for quotation
016-D	ASHRAE 52.1 Target Paper / Prepunched Targets	<p>ASHRAE 52.1 dust-spot sampler target paper, Hollingsworth & Vose H-93 paper, <i>meets or exceeds specifications set forth in ASHRAE 52.1-1992</i></p> <ul style="list-style-type: none"> • Target paper, 8.5 x 11 in. sheet • Prepunched targets, jar 100