



15768 Hamilton Pool Road • Austin, Texas 78738  
 800-AIR-1024 ext 4 or 512-263-0000 ext 4  
 E-mail: ServiceTeam@AirCheckLab.com

**1 Contact Information - review and correct if necessary**

Customer ID  Customer Name  Country   
 Primary Contact  E-mail  Phone  Fax   
 Please check if you'd like the AirCheck/ Report sent to the person below for THIS report ONLY (fill in information).  
 Contact  E-mail

E-mail ServiceTeam@AirCheckLab.com with any permanent changes to the list of authorized contacts

**2 Instructions to Laboratory**

RUSH REQUESTED, \$150 extra, Initial Here  By initialing, I am authorizing One Business Day Analysis & Reporting for an add'l \$150 per sample.  
**CALL CUSTOMER SERVICE @ EXT 4 TO SCHEDULE RUSH SERVICE.**  
 Samples must be received at Trace by 10:30 a.m. CST

PO Number:

PROJECT or CLIENT NAME:

**3 Specification on File, Compressor System and Calibration Information**

Spec on file for above PO: **ISO 8573-1:2010 Sample Type (circle one) BASIC | VALUE | PRO | DIAG | BASELINE | CUSTOM**

Type Of Purification Installed:  Molecular Sieve/Desiccant  Point of Use Filter  No Purification  
 Refrigerated Dryer  No Dryer  Unknown

Sampling Point Identification:

Send A Reminder To Sample Again:  Annual  Monthly  Quarterly  Semi-Annual  Other \_\_\_\_\_

If applicable provide Filter Flowmeter:  Serial No.  Calibration Date  Calibration Due

If applicable provide Tube Flowmeter:  Serial No.  Calibration Date  Calibration Due

Sampling For Which Industry:  Food  Pharma  Medical Device  Nuclear  Nuetraceutical  Other

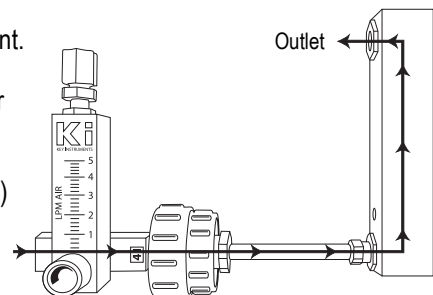
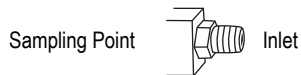
**4 Flow Diagram and Description of Sample Types**

**SAMPLE TYPES**

**PRO, DIAGNOSTIC or BASELINE** analysis requires a Filter for Particles & Oil Aerosol, a Charcoal Tube for Oil Vapor, and a Detector Tube(s) for Pressure Dewpoint.

**VALUE** analysis requires a Filter for Particles & Oil Aerosol, and Detector Tube(s) for Pressure Dewpoint.

**BASIC** analysis includes a Filter for Particles and Oil Aerosol, and a Detector Tube(s) for Pressure Dewpoint.



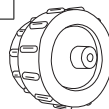
**5A Sample Data - DRAW A STRAIGHT LINE THROUGH ANY FIELD OR SECTION NOT USED**



**FILTER TEST for Particles & Oil Aerosol, see Step 3 of Instructions**

If performing a partial test for oil aerosol only, refer to Table 2 in K8573NB complete instructions.

Filter Holder Number:   
 Flowrate from Filter Flowmeter:  LPM (between 20-140 LPM)  
 Start Time:  Stop Time:   
 Total Sample Time:  :  MIN :  SEC  
 Sampling Point Pressure:  PSIG  
 Ambient Room Temperature:  °F (68°F used as default)  
 Ambient Barometric Pressure:  PSIA (14.7 PSIA used as default)



SAMPLE TYPE	Min. Air Volume	Minutes	LPM
PRO/DIAG/Baseline Class 1	12,000	120	100
PRO/DIAG/Baseline Class 2	1,200	24	50
VALUE Class 3-5	500	10	50
BASIC Class 6-7	250	5	50

**FILTER MUST BE RETURNED FOR ANALYSIS  
 RETURN ALL VOIDED OR UNUSED FILTER CASSETTES  
 DO NOT THROW AWAY**

**10 PLEASE NOTE - SHELF LIFE INFORMATION**

- Sample Shelf Life - Return to lab within 30 DAYS, no refrigeration needed
- Shelf Life - Sampling Media - See Expiration Date on Side of Return Box

- For Trace Use Only

Receiving I.D.

Receiver's Initials

**5B Sample Data Continued – DRAW A STRAIGHT LINE THROUGH ANY FIELD OR SECTION NOT USED**

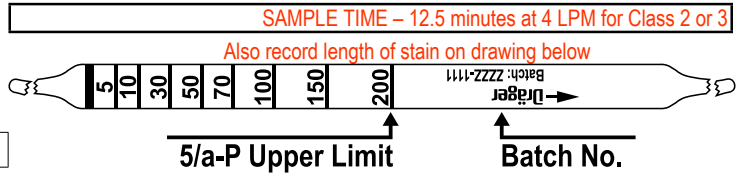


**WATER VAPOR TEST** see Step 4 of Instructions

**WARNING:** Watch water vapor tube during sampling - **Color change can occur rapidly!** If red/brown color stain reaches the upper line **CLOSE CONTROL VALVE ON SMALL TUBE FLOWMETER** and record the exact number of minutes it took to reach the upper line.

5/a-P Tube - For Dessicant Dryer and/or ISO 8573-1 Class 2 or 3  
(For Class 1, refer to instructions)

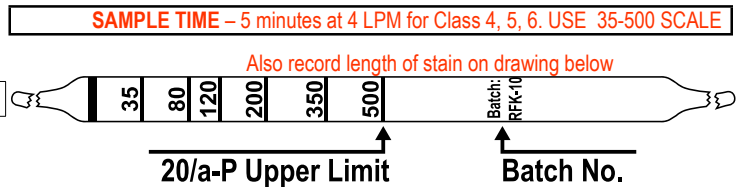
Flowrate from Tube Flowmeter:  LPM (1-5)  
 Batch Number:   
 Start Time:  :  Stop Time:  :   
 Total Sample Time:  :  MIN : SEC  
 Water Vapor Tube Reading:  0 - 200 mg/m<sup>3</sup>



If stain reaches maximum reading of 200 for the 5/a-P tube or 500 for the 20/a-P tube before the recommended time, STOP and record exact time in minutes and seconds. Replace caps on all Water Vapor and Charcoal Tubes.  
**\*ALL TUBES MUST BE RETURNED\***

20/a-P Tube - For Refrigerated Dryer and/or ISO 8573-1 Class 4, 5 or 6

Scale used : Use 35 to 500 scale only  
 Flowrate from Tube Flowmeter :  LPM (1-5)  
 Batch Number:   
 Start Time:  :  Stop Time:  :   
 Total Sample Time:  :  MIN : SEC  
 Water Vapor Tube Reading:  0 - 500 mg/m<sup>3</sup>



**5C Sample Data Continued – DRAW A STRAIGHT LINE THROUGH ANY FIELD OR SECTION NOT USED**



**OIL VAPOR TEST** see Step 5 of Instructions

Oil Vapor Tube Number:   
 Lot Number:   
 Tube Expiration Date:  /  MM/ YYYY  
 Flow Rate:  LPM (between 1-5)  
 Start Time:  :  Stop Time:  :   
 Total Sample Time:  :  MIN : SEC

SAMPLE TYPE	Min. Air Volume	Minutes	LPM
PRO/DIAG/Baseline Class 1	400	100	4
PRO/DIAG/Baseline Class 2	40	10	4
Other Classes	40	10	4

Oil Vapor not required for Classes 3-4



**6 Field Blank**

Field Blank Oil Vapor Tube (T) - break tips, recap, 1 per batch  
 Oil Vapor Tube Blank Number:

**\*NEVER EXPOSE FIELD BLANK TO ANY COMPRESSED AIR OR GAS\***

**7 For K8573NX Samples Only**



**OTHER GAS TESTS**  
BOTTLE MUST BE RETURNED FOR ANALYSIS

**\*ALL TUBES MUST BE RETURNED\***

Source Bottle Number:

NO<sub>x</sub>      SO<sub>2</sub>

0.2 LPM Flow Rate:  LPM   
 Sample Time (maximum 5 min.):  :  MIN : SEC  :   
 Scale used for NO<sub>x</sub> Tube Only:  (0-6) or (0-30)  
 Detector Tube Reading:     (0 - 25 scale)

**8 Comments**

**9 Sampled By and Sample Date**

Submittal of this air sample authorizes Trace Analytics, LLC to provide services. If purchase order number is required by your company, please provide with sample. I attest that all information provided on this datasheet is truthful and accurate to the best of my knowledge.

TECHNICIAN SIGNATURE \_\_\_\_\_ PRINTED NAME \_\_\_\_\_ TECHNICIAN CONTACT PHONE NUMBER \_\_\_\_\_ MONTH \_\_\_\_\_ DAY \_\_\_\_\_ YEAR \_\_\_\_\_