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ISO AirCheck™ DataSheet

***IF RUSH REQUESTED, CALL WITH TRACKING NUMBER**

IMPORTANT: CAREFULLY PRINT, FILL OUT COMPLETELY AND RETURN A DATA SHEET WITH EACH SAMPLE SET.

1 Contact Information E-mail ServiceTeam@AirCheckLab.com with any permanent changes to the list of authorized contacts **DS-MFG-01**

Customer ID	<input type="text"/>	Customer Name	<input type="text"/>	Country	<input type="text"/>
Primary	<input type="text"/>	E-mail	<input type="text"/>	Phone	<input type="text"/>
Alternate	<input type="text"/>	E-mail	<input type="text"/>	Phone	<input type="text"/>

Please fill in the circle to the left if you'd like the AirCheck Report sent to the person below (fill in information).

Additional E-mail

2 Instructions to Laboratory

RUSH REQUESTED, \$150 extra, Initial Here

By initialing, I am authorizing RUSH Analysis & Reporting for an add'l \$150 per sample. CALL CUSTOMER SERVICE @ EXT 4 TO SCHEDULE RUSH SERVICE. Samples must arrive at Trace by 10:30 a.m. CST. * Contact us for holiday scheduling. Turnaround time may vary

PO Number

SAMPLED FOR

3 Specification on File, Compressor System and Calibration Information Please Fill out Completely Wrong Wrong Wrong Correct

Spec on file for above PO:

Sampling Point Identification:

Type Of Purification Installed: Molecular Sieve/Desiccant No Dryer Unknown
 Refrigerated Dryer No Purification

Send a reminder to sample again: Annual Monthly Quarterly Semi-Annual Other _____

SAMPLING FOR WHICH INDUSTRY: Food Pharma Medical Device Nuclear Neutraceutical Other

Sampling Point Pressure: PSIG

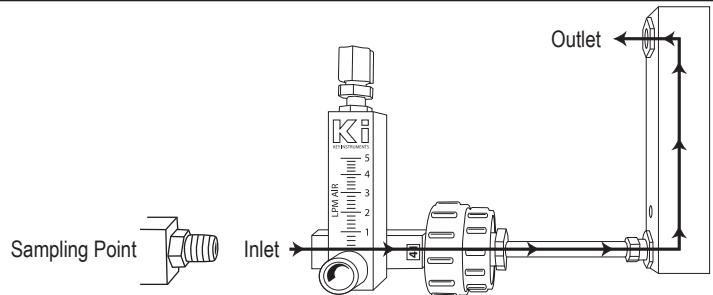
If applicable provide Filter Flowmeter Serial No: Calibration Date Calibration Due

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

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



5 Sample Data - Particles & Oil



FILTER TEST for Particles & Oil Aerosol, see Step 1 of Instructions

If performing a partial test for oil aerosol only, refer to Table in Section 2 of FAQs.

Filter Holder Number:

Flowrate from Filter Flowmeter: LPM (between 20-140 LPM)

Start Time: Stop Time:

Total Sample Time: MIN : SEC

Ambient Room Temperature: °F (68°F used as default)

Ambient Barometric Pressure: PSIA (14.7 PSIA used as default)

Sampling Point Pressure: PSIG

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

PLEASE NOTE - SHELF LIFE INFORMATION For Trace Use Only

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

Receiving I.D. Receiver's Initials



WATER VAPOR TEST see Step 2 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 (For Class 1, refer to instructions)

Flowrate from Tube Flowmeter: LPM (1-5)

Batch Number:

Start Time: Stop Time:

Total Sample Time: : MIN : SEC

Sampling Point Pressure: PSIG

Water Vapor Tube Reading: 0 - 200 mg/m³

SAMPLE TIME – 12.5 minutes at 4 LPM for Class 2 or 3
Also record length of stain on drawing below



5/a-P Upper Limit

Batch No.



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. DETECTOR TUBE DATA MUST BE RECORDED**
Trace Analytics will not fill in data from received tubes.

20/a-P Tube - For Refrigerated Dryer and/or ISO 8573-1 Class 4, 5 or 6 Scale used : Use 0 to 500 scale only

Flowrate from Tube Flowmeter: LPM (1-5)

Batch Number:

Start Time: Stop Time:

Total Sample Time: : MIN : SEC

Sampling Point Pressure: PSIG

Water Vapor Tube Reading: 0 - 500 mg/m³

SAMPLE TIME – 5 minutes at 4 LPM for Class 4, 5, 6. USE 0-500 SCALE
Also record length of stain on drawing below



20/a-P Upper Limit

Batch No.

5C Sample Data Continued - Oil Vapor

ALL TUBES MUST BE RETURNED



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

Sampling Point Pressure: PSIG

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

Oil Vapor Tube No:



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

ALL TUBES MUST BE RETURNED

Oil Vapor Tube Blank Number:

NEVER EXPOSE FIELD BLANK TO ANY COMPRESSED AIR OR GAS

7 For K8573NX Samples Only

NO_x

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OTHER GAS TESTS BOTTLE MUST BE RETURNED FOR ANALYSIS

0.2 LPM Flow Rate

Source Bottle Number:

Sample Time (maximum 5 min.)

LPM LPM

: MIN : SEC :

Scale used for NO_x 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

MONTH DAY YEAR

TECHNICIAN CONTACT PHONE NUMBER