



# PERRY JOHNSON LABORATORY ACCREDITATION, INC.

## Certificate of Accreditation

Perry Johnson Laboratory Accreditation, Inc.  
has assessed the Organization of:

***Air Technology Laboratories, Inc.***  
***18501 E. Gale Avenue, Suite 130, City of Industry, CA 91748***

*(Hereinafter called the Organization) and hereby declares that Organization has met the requirements of ISO/IEC 17025:2017 General Requirements for the competence of Testing and Calibration Laboratories and the United States Department of Defense Environmental Laboratory Accreditation Program (DoD-ELAP) requirements identified within the DoD/DOE Quality Systems Manual (DoD/DOE QSM) Version 5.4 October 2021 and is accredited in accordance with the:*

### United States Department of Defense Environmental Laboratory Accreditation Program (DoD-ELAP)

This accreditation demonstrates the technical competence for the defined scope and the operation of a laboratory quality management system  
(as outlined by the joint ISO-ILAC-IAF Communiqué dated April 2017):

### ***Environmental Testing*** ***(As detailed in the supplement)***

Accreditation claims for such activities shall only be made from the addresses referenced within this certificate. This Accreditation is granted subject to the system rules governing the Accreditation referred to above, and the Organization hereby covenants with the Accreditation Body's duty to observe and comply with the said rules.

For PJLA	<i>Initial Accreditation Date:</i> February 21, 2022	<i>Issue Date:</i> June 14, 2024	<i>Expiration Date:</i> June 14, 2026
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Tracy Szorszen  
President

*Accreditation No:* 102536  
*Certificate No:* L24-511

Perry Johnson Laboratory  
Accreditation, Inc. (PJLA)  
755 W. Big Beaver, Suite 1325  
Troy, Michigan 48084

The validity of this certificate is maintained through ongoing assessments based on a continuous accreditation cycle. The validity of this certificate should be confirmed through the PJLA website: [www.pjllabs.com](http://www.pjllabs.com)



# Certificate of Accreditation: Supplement

## Air Technology Laboratories, Inc.

18501 E. Gale Avenue, Suite 130, City of Industry, CA 91748

Contact Name: Val Mallari Phone: 626-964-4032

Accreditation is granted to the facility to perform the following testing:

Code

### Organic

**ASTM D1946-90 by Gas Chromatography Thermal Conductivity Detector (GC/TCD)** 30024454

#### Air

Carbon Dioxide 3755

Carbon Monoxide 3780

Helium 1767

Hydrogen 1772

Methane 4926

Nitrogen 1843

Oxygen 3895

**EPA TO-14A by Gas Chromatography Mass Spectrometry (GC/MS)** 10312002

#### Air

1,1,1,2-Tetrachloroethane 5105

1,1,1-Trichloroethane 5160

1,1,2,2-Tetrachloroethane 5110

1,1,2-Trichloro-1,2,2-Trifluoroethane (Trichlorotrifluoroethane, Freon 113) 5185

1,1,2-Trichloroethane 5165

1,1-Dichloroethane 4630

1,1-Dichloroethylene 4640

1,2,3-Trichloropropane (TCP) 5180

1,2,4-Trichlorobenzene 5155

1,2,4-Trimethylbenzene 5210

1,2-Dibromo-3-Chloropropane (DBCP) 4570

1,2-Dibromoethane (EDB, Ethylene Dibromide) 4585

1,2-Dichloro-1,1,2,2-Tetrafluoroethane (Freon 114, 1,2-Dichlorotetrafluoroethane) 4695

1,2-Dichlorobenzene 4610

1,2-Dichloroethane (Ethylene Dichloride, EDC) 4635

1,2-Dichloropropane 4655

1,3,5-Trimethylbenzene 5215

1,3-Butadiene 9318

1,3-Dichlorobenzene (1,3-DCB) 4615

1,4-Dichlorobenzene 4620

1,4-Dioxane (1,4-Diethyleneoxide, p-Dioxane) 4735

2,2,4-Trimethylpentane (Isooctane) 5220

2,2-Dichloropropane 4665

2-Butanone (Methyl Ethyl Ketone, MEK) 4410

2-Chlorotoluene 4535

2-Hexanone (Methyl Butyl Ketone, MBK) 4860

4-Chlorotoluene (p-Chlorotoluene) 4540



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### Organic

#### EPA TO-14A by Gas Chromatography Mass Spectrometry (GC/MS)

10312002

#### Air

4-Ethyltoluene (1-Ethyl-4-Methylbenzene)	4542
4-Isopropyltoluene (p-Isopropyltoluene, p-Cymene)	4910
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone (MIBK), Hexone)	4995
Acetaldehyde	4300
Acetone	4315
Acrolein (Propenal)	4325
Acrylonitrile	4340
Allyl Chloride (3-Chloropropene)	4355
Benzene	4375
Benzyl Chloride	5635
Bromobenzene	4385
Bromodichloromethane	4395
Bromoform	4400
Bromomethane (Methyl Bromide)	4950
Carbon Disulfide	4450
Carbon Tetrachloride	4455
Chlorobenzene	4475
Chlorodibromomethane (Dibromochloromethane)	4575
Chloroethane (Ethyl Chloride)	4485
Chloroform	4505
Chloromethane (Methyl Chloride)	4960
cis-1,2-Dichloroethylene	4645
cis-1,3-Dichloropropene	4680
Cyclohexane	4555
Cyclohexanone	4560
Dibromomethane (Methylene Bromide)	4595
Dichlorodifluoromethane (Freon 12)	4625
Di-Isopropylether (DIPE)	9375
Ethanol	4750
Ethyl Acetate	4755
Ethyl tert-Butyl Ether (ETBE, 2-Ethoxy-2-Methylpropane)	4770
Ethylbenzene	4765
Hexachlorobutadiene	4835
Isopropyl Alcohol (IPA, 2-Propanol, Isopropanol)	4895
Isopropylbenzene (Cumene)	4900
m,p-Xylene	5240



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### Organic

#### EPA TO-14A by Gas Chromatography Mass Spectrometry (GC/MS)

10312002

#### Air

Methyl tert Butyl Ether (MTBE)	5000
Methylene Chloride (Dichloromethane)	4975
Naphthalene	5005
n-Butylbenzene	4435
n-Heptane	4825
n-Hexane	4855
n-Propylbenzene (1-phenylpropane)	5090
o-Xylene (1,2-Xylene)	5250
Propylene	4836
sec-Butylbenzene	4440
Styrene	5100
tert-Amyl Methyl Ether (TAME)	4370
tert-Butyl Alcohol (TBA, 2-Methyl-2-Propanol, t-Butanol)	4420
tert-Butylbenzene	4445
Tetrachloroethene	5115
Tetrahydrofuran (THF)	5120
Toluene	5140
trans-1,2-Dichloroethylene	4700
trans-1,3-Dichloropropylene	4685
Trichloroethene (TCE, Trichloroethylene)	5170
Trichlorofluoromethane (Fluorotrichloromethane, Freon 11)	5175
Vinyl Acetate	5225
Vinyl Bromide (Bromoethane)	5230
Vinyl Chloride (Chloroethene)	5235
Xylenes (Total)	5260

#### EPA TO-14A SIM by Gas Chromatography Mass Spectrometry (GC/MS) Selective Ion Monitoring (SIM)

NC

#### Air

1,1,1-Trichloroethane	5160
1,1,2,2-Tetrachloroethane	5110
1,1,2-Trichloro-1,2,2-Trifluoroethane (Trichlorotrifluoroethane, Freon 113)	5185
1,1,2-Trichloroethane	5165
1,1-Dichloroethane	4630
1,1-Dichloroethylene	4640
1,2,4-Trichlorobenzene	5155
1,2-Dibromoethane (EDB, Ethylene Dibromide)	4585
1,2-Dichlorobenzene	4610



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### Organic

#### EPA TO-14A SIM by Gas Chromatography Mass Spectrometry (GC/MS) Selective Ion Monitoring (SIM)

NC

#### Air

1,2-Dichloroethane (Ethylene Dichloride, EDC)	4635
1,2-Dichloropropane	4655
1,3-Dichlorobenzene (1,3-DCB)	4615
1,4-Dichlorobenzene	4620
Benzene	4375
Benzyl Chloride	5635
Bromodichloromethane	4395
Bromomethane (Methyl Bromide)	4950
Carbon Tetrachloride	4455
Chlorobenzene	4475
Chloroethane (Ethyl Chloride)	4485
Chloroform	4505
Chloromethane (Methyl Chloride)	4960
cis-1,2-Dichloroethylene	4645
Dichlorodifluoromethane (Freon 12)	4625
Ethylbenzene	4765
m,p-Xylene	5240
Methyl tert Butyl Ether (MTBE)	5000
Methylene Chloride (Dichloromethane)	4975
Naphthalene	5005
n-Hexane	4855
o-Xylene (1,2-Xylene)	5250
Styrene	5100
Tetrachloroethene	5115
Toluene	5140
trans-1,2-Dichloroethylene	4700
trans-1,3-Dichloropropylene	4685
Trichloroethene (TCE, Trichloroethylene)	5170
Trichlorofluoromethane (Fluorotrichloromethane, Freon 11)	5175
Vinyl Chloride (Chloroethene)	5235

#### EPA TO-15 by Gas Chromatography Mass Spectrometry (GC/MS)

10248803

#### Air

1,1,1,2-Tetrachloroethane	5105
1,1,1-Trichloroethane	5160
1,1,2,2-Tetrachloroethane	5110
1,1,2-Trichloro-1,2,2-Trifluoroethane (Trichlorotrifluoroethane, Freon 113)	5185



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### Organic

#### EPA TO-15 by Gas Chromatography Mass Spectrometry (GC/MS)

10248803

#### Air

1,1,2-Trichloroethane	5165
1,1-Dichloroethane	4630
1,1-Dichloroethylene	4640
1,2,3-Trichloropropane (TCP)	5180
1,2,4-Trichlorobenzene	5155
1,2,4-Trimethylbenzene	5210
1,2-Dibromo-3-Chloropropane (DBCP)	4570
1,2-Dibromoethane (EDB, Ethylene Dibromide)	4585
1,2-Dichloro-1,1,2,2-Tetrafluoroethane (Freon 114, 1,2-Dichlorotetrafluoroethane)	4695
1,2-Dichlorobenzene	4610
1,2-Dichloroethane (Ethylene Dichloride, EDC)	4635
1,2-Dichloropropane	4655
1,3,5-Trimethylbenzene	5215
1,3-Butadiene	9318
1,3-Dichlorobenzene (1,3-DCB)	4615
1,4-Dichlorobenzene	4620
1,4-Dioxane (1,4-Diethyleneoxide, p-Dioxane)	4735
2,2,4-Trimethylpentane (Isooctane)	5220
2,2-Dichloropropane	4665
2-Butanone (Methyl Ethyl Ketone, MEK)	4410
2-Chlorotoluene	4535
2-Hexanone (Methyl Butyl Ketone, MBK)	4860
4-Chlorotoluene (p-Chlorotoluene)	4540
4-Ethyltoluene (1-Ethyl-4-Methylbenzene)	4542
4-Isopropyltoluene (p-Isopropyltoluene, p-Cymene)	4910
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone (MIBK), Hexone)	4995
Acetaldehyde	4300
Acetone	4315
Acrolein (Propenal)	4325
Acrylonitrile	4340
Allyl Chloride (3-Chloropropene)	4355
Benzene	4375
Benzyl Chloride	5635
Bromobenzene	4385
Bromodichloromethane	4395
Bromoform	4400





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### Organic

<b>EPA TO-15 by Gas Chromatography Mass Spectrometry (GC/MS)</b>	10248803
<b>Air</b>	
Bromomethane (Methyl Bromide)	4950
Carbon Disulfide	4450
Carbon Tetrachloride	4455
Chlorobenzene	4475
Chlorodibromomethane (Dibromochloromethane)	4575
Chloroethane (Ethyl Chloride)	4485
Chloroform	4505
Chloromethane (Methyl Chloride)	4960
cis-1,2-Dichloroethylene	4645
cis-1,3-Dichloropropene	4680
Cyclohexane	4555
Cyclohexanone	4560
Dibromomethane (Methylene Bromide)	4595
Dichlorodifluoromethane (Freon 12)	4625
Di-Isopropylether (DIPE)	9375
Ethanol	4750
Ethyl Acetate	4755
Ethyl tert-Butyl Ether (ETBE, 2-Ethoxy-2-Methylpropane)	4770
Ethylbenzene	4765
Hexachlorobutadiene	4835
Isopropyl Alcohol (IPA, 2-Propanol, Isopropanol)	4895
Isopropylbenzene (Cumene)	4900
m,p-Xylene	5240
Methyl tert Butyl Ether (MTBE)	5000
Methylene Chloride (Dichloromethane)	4975
Naphthalene	5005
n-Butylbenzene	4435
n-Heptane	4825
n-Hexane	4855
n-Propylbenzene (1-phenylpropane)	5090
o-Xylene (1,2-Xylene)	5250
Propylene	4836
sec-Butylbenzene	4440
Styrene	5100
tert-Amyl Methyl Ether (TAME)	4370
tert-Butyl Alcohol (TBA, 2-Methyl-2-Propanol, t-Butanol)	4420



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### Organic

<b>EPA TO-15 by Gas Chromatography Mass Spectrometry (GC/MS)</b>	10248803
<b>Air</b>	
tert-Butylbenzene	4445
Tetrachloroethene	5115
Tetrahydrofuran (THF)	5120
Toluene	5140
trans-1,2-Dichloroethylene	4700
trans-1,3-Dichloropropylene	4685
Trichloroethene (TCE, Trichloroethylene)	5170
Trichlorofluoromethane (Fluorotrichloromethane, Freon 11)	5175
Vinyl Acetate	5225
Vinyl Bromide (Bromoethane)	5230
Vinyl Chloride (Chloroethene)	5235
Xylenes (Total)	5260
<b>EPA TO-15 SIM by Gas Chromatography Mass Spectrometry (GC/MS) Selective Ion Monitoring (SIM)</b>	10248858
<b>Air</b>	
1,1,1-Trichloroethane	5160
1,1,2,2-Tetrachloroethane	5110
1,1,2-Trichloro-1,2,2-Trifluoroethane (Trichlorotrifluoroethane, Freon 113)	5185
1,1,2-Trichloroethane	5165
1,1-Dichloroethane	4630
1,1-Dichloroethylene	4640
1,2,4-Trichlorobenzene	5155
1,2-Dibromoethane (EDB, Ethylene Dibromide)	4585
1,2-Dichlorobenzene	4610
1,2-Dichloroethane (Ethylene Dichloride, EDC)	4635
1,2-Dichloropropane	4655
1,3-Dichlorobenzene (1,3-DCB)	4615
1,4-Dichlorobenzene	4620
Benzene	4375
Benzyl Chloride	5635
Bromodichloromethane	4395
Bromomethane (Methyl Bromide)	4950
Carbon Tetrachloride	4455
Chlorobenzene	4475
Chloroethane (Ethyl Chloride)	4485
Chloroform	4505
Chloromethane (Methyl Chloride)	4960





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### Organic

<b>EPA TO-15 SIM by Gas Chromatography Mass Spectrometry (GC/MS) Selective Ion Monitoring (SIM)</b>	10248858
<b>Air</b>	
cis-1,2-Dichloroethylene	4645
Dichlorodifluoromethane (Freon 12)	4625
Ethylbenzene	4765
m,p-Xylene	5240
Methyl tert Butyl Ether (MTBE)	5000
Methylene Chloride (Dichloromethane)	4975
Naphthalene	5005
n-Hexane	4855
o-Xylene (1,2-Xylene)	5250
Styrene	5100
Tetrachloroethene	5115
Toluene	5140
trans-1,2-Dichloroethylene	4700
trans-1,3-Dichloropropylene	4685
Trichloroethene (TCE, Trichloroethylene)	5170
Trichlorofluoromethane (Fluorotrichloromethane, Freon 11)	5175
Vinyl Chloride (Chloroethene)	5235
<b>EPA TO-3 by Gas Chromatography Flame Ionization Detection and Thermal Conductivity Detector (GC/FID/TCD)</b>	10312400
<b>Air</b>	
Gasoline Range Organics (GRO)	9408

No Preparation methods on scope

#### Footnotes:

> Method codes are typically based on The NELAC Institute (TNI) Laboratory Accreditation Management System (LAMS) and are used to compare to the laboratory reported Performance Test (PT) results. Although the method code may not represent the specific method version, it is the method code used to represent the method/technology used to report PTs. (NC = No Code)