



California  
Air Resources Board  
Compliance Division

# Advisory

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## Vapor Recovery CAP Handbook

Number 27

September 8, 1988

### Vapor Recovery Self-Inspection Handbook

I am pleased to announce the availability of the Vapor Recovery Self-Inspection Handbook. This handbook was designed to provide the operators of service stations with a general overview of the most common vapor recovery equipment defects and to encourage routine equipment inspections to ensure continuous compliance with regulations. Observed defects which are less severe than those presented in the handbook may be violations in some air pollution control districts. All defects, regardless of size, should be repaired upon detection. For more specific information on the regulations in your area, please contact your local air pollution control district; a list of these districts is enclosed for your convenience.

This handbook is the first Compliance Assistance Program (CAP) industry handbook to be developed. The Phase I and Phase II Vapor Recovery category was selected because of the complexity of the vapor recovery regulations and the significant contribution these systems make to the control of hydrocarbon and benzene emissions.

I have enclosed a copy of this handbook. It is my goal to place them in each service station which is subject to Phase II vapor recovery requirements. Distribution is being handled by the local air pollution control districts. If you would like additional copies, please contact your local Air Pollution Control District office.

If you would like more information on this, please contact Laura McKinney at (916) 322-3976 or by writing to her at this address: Air Resources Board, Compliance Division, Post Office Box 2815, Sacramento, CA 95812.

James J. Morgester, Chief  
Compliance Division  
California Air Resources Board  
Post Office Box 2815, Sacramento, CA 95812



California  
Air Resources Board  
Compliance Division

# Advisory

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## Independent Contractors

Number 27

November 2, 1988

### INDEPENDENT CONTRACTOR PROGRAM - APPROVALS

Enclosed is a list of private contractors that have been approved to conduct compliance source testing on behalf of the Air Resources Board pursuant to Section 91200-91220, Title 17, California Code of Regulations.

The program is designed to approve independent contractors for sources who may choose to have them conduct compliance testing instead of the Air Resources Board. The Air Resources Board does not require that contractors be approved prior to testing in California. Approval is only required by the Board if the contractor wishes to test under this program. In order to obtain approval a contractor is evaluated against standardized criteria. All the contractors which are included on the list had the proper equipment and qualified personnel to conduct the tests listed at the time we evaluated them.

This list is updated and distributed each quarter. If you have any questions or would like information on a specific contractor or test between distributions, please call Mr. Raak Veblen at (916) 327-1519 or Mr. Roye Jackson at (916) 322-6033.

Enclosure

James J. Morgester, Chief  
Compliance Division  
California Air Resources Board  
Post Office Box 2815, Sacramento, CA 95812

OCTOBER 31, 1988

AIR RESOURCES BOARD  
INDEPENDENT CONTRACTORS APPROVED  
UNDER SECTION 91207, TITLE 17

Acurex Corporation

485 Clyde Avenue  
Mountain View, CA 94039

C.D. Wolbach, Ph.D.  
(415) 961-5700

TEST

EXPIRES

Method 1-1	6/30/90
Method 1-2	6/30/90
Method 1-3	6/30/90
Method 1-4	6/30/90
Method 1-5	6/30/90
Method 1-100	
NOx	6/30/90
O2	6/30/90
CO2	6/30/90
Visible Emissions Evaluation	6/30/90

Almega Corporation

607 C Country Club Drive  
Bensenville, IL 60106

Mr. Meryl Jackson  
(312) 595-0175

TEST

EXPIRES

Method 1-1	6/30/90
Method 1-2	6/30/90
Method 1-3	6/30/90
Method 1-4	6/30/90
Method 1-5	6/30/90
Method 1-6	6/30/90
Method 1-7	6/30/90
Method 1-8	6/30/90
Method 1-11	6/30/90
Method 1-17	6/30/90
Method 1-20	6/30/90
EPA 25	6/30/90
Visible Emissions Evaluation	6/30/90

Best Environmental

4110 Sacramento Ave.  
San Jose, CA 95111

Mr. Regan C. Best  
(408) 629-5885

TEST

EXPIRES

Method 1-10	6/30/89
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October 31, 1988

Best Environmental con't

Method 1-100

CO2	6/30/89
NOx	6/30/89
O2	6/30/89

BTC Laboratories

2978 Seaborg Ave.  
Ventura, CA 93003

Mr. Robert Sextro  
(805) 644-1095

TEST

EXPIRES

Method 1-1	6/30/89
Method 1-2	6/30/89
Method 1-3	6/30/89
Method 1-4	6/30/89
Method 1-5	6/30/89
Method 1-8	6/30/89
Method 1-10 (Continuous)	6/30/89
Method 1-100	
CO2	6/30/89
NOx	6/30/89
O2	6/30/89
SO2	6/30/89
Visible Emissions Evaluation	6/30/89

CTL Environmental Services, Inc.

2905 East Century Blvd  
South Gate, CA 90280

Stuart E. Salot, Ph.D  
(213) 564-2641

TEST

EXPIRES

Method 1-1	6/30/89
Method 1-2	6/30/89
Method 1-3	6/30/89
Method 1-4	6/30/89
Method 1-5	6/30/89
Method 1-6	6/30/89
Method 1-8	6/30/89
Method 1-100	
NOx	6/30/89
O2	6/30/89
Visible Emissions Evaluation	6/30/89
Gas Chromatograph	
Total Hydrocarbon	6/30/89
Methane/Nonmethane	6/30/89
Ambient Vinyl Chloride	6/30/89

October 31, 1988

Ecoserve, Inc.

690 A Garcia Avenue  
Pittsburg, CA 94565

Mr. Tom Stucker  
(415) 439-5766

TEST

Method 1-1  
Method 1-2  
Method 1-3  
Method 1-4  
Method 1-5  
Method 1-6  
Method 1-7  
Method 1-8  
Method 1-10  
Method 1-17  
Method 1-100  
NOx  
CO2  
O2  
SO2

Visible Emissions Evaluation  
Grab Sample/Gas Chromatograph  
Total Hydrocarbon

EXPIRES

6/30/89  
6/30/89  
6/30/89  
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6/30/89

Energy and Environmental Research

18 Mason  
Irvine, CA 92718

George Sotter, Ph.D., P.E.  
(714) 859-8851

TEST

Method 1-1  
Method 1-2  
Method 1-3  
Method 1-4  
Method 1-5  
Method 1-6  
Method 1-8  
Method 1-10  
Method 1-100  
O2  
CO2  
SO2  
NOx  
THC

6/30/89  
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6/30/89

Energy Systems Associates

15991 Red Hill Avenue, Suite 110  
Tustin, CA 92680

Mr. Robert Finken  
(714) 259-9520

TEST

EXPIRES

Energy Systems Associates

Engineering - Science  
75 N Fa Oa

TEST

EXPIRES

ERT Inc.  
220

TEST

EXPIRES

Ert. Inc.

Gaison Technical Services, Inc.  
2116 B W  
C.

TEST

EXPIRES

Ganesis Environmental Services  
5650 Dist Ict B

TEST

EXPIRES

KVB

TEST

EXPIRES

October 31, 1988

KVB con't

Method 1-5	6/30/89
Method 1-6	6/30/89
Method 1-8	6/30/89
Method 1-10 (Continuous)	6/30/89
Method 1-20	6/30/89
Method 1-100	6/30/89
CO2	6/30/89
SO2	6/30/89
NOx	6/30/89
THC	6/30/89

Monarch Analytical Laboratories, Inc.

P.O. Box 2990  
Toledo, Ohio 43606

Mr. Dennis A. Brengartner  
(419) 535-1780

TEST

Method 1-1	6/30/89
Method 1-2	6/30/89
Method 1-3	6/30/89
Method 1-4	6/30/89
Method 1-5	6/30/89
Method 1-6	6/30/89
Method 1-7	6/30/89
Method 1-8	6/30/89
Method 1-17	6/30/89
Method 3-12	6/30/89
Method 3-13B	6/30/89
Method 3-423	6/30/89
Method 3-424	6/30/89
Method 3-425	6/30/89
Visible Emissions Evaluation	6/30/89

EXPIRES

Pape and Steiner Environmental Services

5801 Norris Road  
Bakersfield, CA 93308

Mr. Jim Steiner  
(805) 393-8442

TEST

Method 1-1	6/30/89
Method 1-2	6/30/89
Method 1-3	6/30/89
Method 1-4	6/30/89
Method 1-5	6/30/89
Method 1-7	6/30/89
Method 1-8	6/30/89
Method 1-10 (Continuous)	6/30/89
Method 1-11	6/30/89
Method 1-100	6/30/89
CO2	6/30/89

EXPIRES

October 31, 1988

Pape and Steiner Environmental Services con't

NOx	6/30/89
O2	6/30/89
SO2	6/30/89
Visible Emissions Evaluation	6/30/89
Gas Chromatograph	
Total Hydrocarbons	6/30/89
Methane/Nonmethane	6/30/89

Petro - Chem Environmental Services

P. O. Box 5126  
Bakersfield, CA 93388

Ms. Leslie Johnson  
(213) 427-8994

TEST

Method 1-1  
Method 1-2  
Method 1-3  
Method 1-4  
Method 1-5  
Method 1-8  
Method 1-10  
Method 1-100  
NOx  
O2  
SO2  
Visible Emissions Evaluation

EXPIRES

6/30/89
6/30/89
6/30/89
6/30/89
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6/30/89

Pollution Control Science

6015 Manning Road  
Miamisburg, OH 45342

Mr. Kevin Payler  
(513) 866-5908

TEST

Method 1-1  
Method 1-2  
Method 1-3  
Method 1-4  
Method 1-5  
Method 1-7  
Method 1-8  
Method 1-17  
EPA 25

EXPIRES

6/30/90
6/30/90
6/30/90
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R & W Consultants

1205 J Street, Suite E  
San Diego, CA 92101

Mr. Paul Weir  
(619) 232-7004

TEST

EXPIRES

October 31, 1988

VOC Testing, Inc. Con't

Method 1-100	
NOx	6/30/89
Method 2-1	6/30/89
Method 2-2	6/30/89
Method 2-3	6/30/89
Method 2-4	6/30/89
Method 2-5	6/30/89
Visible Emissions Evaluation	6/30/89

Western Environmental Services  
1010 S. Pacific Coast Highway  
Redondo Beach, CA 90277

Mr. Thomas L. Rooney  
(213) 540-4676

<u>TEST</u>	<u>EXPIRES</u>
Method 1-1	6/30/89
Method 1-2	6/30/89
Method 1-3	6/30/89
Method 1-4	6/30/89
Method 1-5	6/30/89
Method 1-8	6/30/89
Method 1-10	6/30/89
Method 1-11	6/30/89
Method 1-100	
CO2	6/30/89
NOx	6/30/89
O2	6/30/89
SO2	6/30/89
THC	6/30/89
Visible Emissions Evaluation	6/30/89

York Research Consultants  
8535 Arjons Drive, Suite E  
San Diego, CA 92126

Mr. Joe Zuzolo  
(619) 530-2922

<u>TEST</u>	<u>EXPIRES</u>
Method 1-10	6/30/89