

Service Bulletin

Mazda Motor of America, Inc.
7755 Irvine Center Drive
Irvine, California 92718
Telephone (714) 727-1990

MAZDA

Category ST	Applicable Model/s All Models	Subject REQUIREMENT OF HFC-134a A/C RECOVERY AND RECYCLING TRAINING AND EQUIPMENT	Bulletin No. 008/95 Issued 10/24/95 Revised
----------------	----------------------------------	---	---

DESCRIPTION

A new law by the United States Environmental Protection Agency (EPA) requires all dealers who work with and make A/C repairs to have:

- Technicians trained and certified by an EPA approved organization.
- EPA approved HFC-134a recover/recycling or recover-only equipment.

These requirements become effective November 15, 1995.

To become more familiar with this new law, review the attached EPA fact sheet. It further explains this law and addresses some general concerns. For your convenience, the lists of approved certifying training organizations and approved equipment referenced in the fact sheet are also attached.

If your dealership works with and makes A/C repairs, be sure you have the approved training and equipment to conform to this new law by November 15, 1995.

If you have any questions concerning this information, please contact:

- The EPA's Stratospheric Ozone Information Hotline at 1-800-296-1996 (10am-4pm EST, Monday-Friday, except federal holidays).
- Your District Customer Support Manager or Tools/Development Manager (714-588-5059).

IMPORTANT: Service and Parts Managers should read this bulletin carefully, sign and convey all information to those concerned.

Signature _____

Service Manager

Signature _____

059765

Parts Manager



United States
Environmental Protection
Agency

Office of Air and
Radiation (6205J)

November 1994

RECYCLING REFRIGERANT FROM MOTOR VEHICLE AIR CONDITIONERS

A regulation signed in July, 1992 by the Administrator of the United States Environmental Protection Agency (EPA), requires that motor vehicle air conditioning refrigerant be recycled. This fact sheet will help you become familiar with this law and address some of your concerns.

Our Threatened Ozone Layer

The stratospheric ozone layer shields the earth from harmful ultraviolet (UV) radiation. Scientists worldwide believe that synthetic chemicals such as chlorofluorocarbons (CFCs, also known by the trade name Freon) are rapidly destroying this layer of gas 10 to 30 miles above the earth's surface. Ozone loss of 3.5% globally has already been recorded and is greatest over Antarctica, where a seasonal ozone "hole" occurs. Recent data strongly suggests that substantial losses may also develop over the North Pole, exposing parts of the U.S. to increasing levels of UV radiation.

Ozone loss in the atmosphere is likely to lead to an increase in skin cancer and cataracts and could weaken the human immune system. Agriculture, as well as plant and animal life, may also be dramatically affected.

Impact of Motor Vehicle Air Conditioners

One of the single largest uses of CFCs in the U.S. is as a refrigerant in automobile air conditioners. CFC-12 in motor vehicles accounts for over 20% of all CFC use in this country.

Commonly released into the air when car or truck air conditioners are serviced, CFCs rise to the strat-

osphere where they can remain active for up to 120 years. Solar rays break these molecules apart, releasing chlorine. A single chlorine atom can destroy over one hundred thousand ozone molecules.

Worldwide Action to Protect the Ozone Layer

The United States has joined over 135 other countries in a global effort to protect the ozone layer as a Party to the international treaty known as the Montreal Protocol. In 1990, these countries agreed to phase out production of ozone-depleting substances, including CFC-12, by the year 2000. The 1990 Clean Air Act Amendments (the Act) incorporated this production phaseout date and also addressed the use and emission of these chemicals. President Bush later pledged to halt almost all U.S. production of CFCs by the end of 1995.

Section 609 of the Act gives the EPA the authority to establish requirements to prevent the release of refrigerants during the servicing of motor vehicle air conditioners. Recycling of CFCs can occur at minimal cost and without damaging motor vehicle A/C systems. The following sections describe the requirements of the law and its potential impact on the service industry.

Clean Air Act Requirements

Approved Equipment

Technicians repairing or servicing motor vehicle air conditioners must use either refrigerant recover/recycle or recover-only equipment approved by EPA. Recover/recycle equipment both recovers the refrigerant from the motor vehicle and

processes it through an oil separator, a filter, and a dryer. Approved recover/recycle machines meet the technical specifications of SAE Standard J-1990 and must have the capacity to purify used refrigerant to SAE Standard J-1991 for safe and direct return to the air conditioner following repairs.

Recover-only equipment removes the refrigerant from the A/C unit as specified by SAE Standard J-2209 and transfers it into a holding tank. Technicians are then required by law either to recycle the used refrigerant on site or send it to an off-site reclamation facility to be purified to ARI Standard 700 before it can be used to recharge A/C equipment.

A list of approved equipment is available from EPA at the address on the back of this fact sheet. Most certified equipment will be labeled as "design-certified to SAE standards."

Technician Training and Certification

Technicians who repair or service motor vehicle air conditioners must be trained and certified by an EPA-approved organization. Training programs must cover use of recycling equipment in compliance with SAE Standard J-1989, the regulatory requirements, the importance of refrigerant containment, and the effects of ozone depletion. To be certified, technicians must pass a test demonstrating their knowledge in these areas. A list of approved testing programs is available from EPA at the address on the back of this fact sheet.

Sales Restrictions

The sale of any size containers of CFCs to anyone other than certified

technicians is prohibited after November 14, 1994. This provision is intended to discourage "do-it-yourselfers" who recharge their own air conditioners. Such individuals often release refrigerant because they typically do not have access to recycling equipment. The Agency encourages "do-it-yourselfers" to bring their cars to certified technicians who can properly fix air conditioners using approved equipment. This avoids damage to a/c equipment by improper charging and helps protect the environment.

Recordkeeping Requirements

Service shops must certify to EPA that they own approved equipment. If refrigerant is recovered and sent to a reclaiming facility, the name and address of that facility must be retained.

Impacts on A/C Service

Because of the planned CFC phase-out and the tax on CFCs, shops that service air conditioners can expect the price of CFC-12 to increase and its availability to decrease. Widespread refrigerant recycling, however, reduces the need for virgin CFC-12 and thus helps keep costs down. Refrigerant recycling is an important step towards the goal of eliminating CFC use. It means that car owners can have their air conditioners fixed until alternatives to CFC-12 are developed.

Refrigerant in New Cars

Automobile manufacturers are responding to the CFC phaseout by producing new vehicles with an alternative refrigerant called HFC-134a. This refrigerant does not deplete the ozone layer because it does not contain chlorine. About half of 1993 model year cars and almost all 1994 model year cars are equipped with HFC-134a air conditioning systems.

Choices for Older Car Owners

As for existing cars, when the supply of CFC-12 is no longer available, owners may modify their a/c systems to accept the HFC-134a. Since the HFC-134a works at a higher pressure than the CFC-12, retrofitting will require that some

Important Dates

July 14, 1992	EPA final regulations published
November 15, 1992	Small container sales restriction goes into effect
November 15, 1994	Sales restriction expands to include all sizes of containers
November 15, 1995	CFC-12 regulations, including recovery and recycling requirements and certification of both technicians and equipment, expand to affect all substitutes for CFC-12

components be replaced. EPA estimates that retrofits will cost between \$100 and \$800. The specific requirements will vary depending on the make, model and age of the car, and on the car's history of air-conditioning servicing. If you are having major service performed on your CFC-12 air-conditioning system, modifying the system may be appropriate. Auto manufacturers are currently working to identify retrofit procedures. Most manufacturers have toll-free consumer hotlines which you can call to determine if retrofit procedures have been developed for your automobile.

Alternative Refrigerants

EPA's Significant New Alternatives Policy (SNAP) program reviews alternatives to CFC-12 to determine the risks posed to human health and the environment by that alternative. HFC-134a has been approved under the SNAP program. Some refrigerant manufacturers and distributors are conducting research to determine if other substitutes exist which will cool adequately, work compatibly with the components in a/c systems with minimal retrofit procedures. These substitutes must be reviewed under the SNAP program. It is important to keep in mind that the SNAP program does not evaluate the effect of a substitute refrigerant on the life or performance of the components in your car's a/c system, or the effect of a substitute

on the system's cooling capacity.

By November 15, 1995, all substitute refrigerants will have to be recovered and recycled, technicians handling those substitutes will have to be certified, and equipment used to service those substitutes will have to be approved.

* * * * *

By complying with these regulations, you will help preserve the ozone layer for future generations.

For further information, please contact the Stratospheric Ozone Information Hotline at 1-800-296-1996 (10am-4pm EST, Monday-Friday, except federal holidays), or you may write:

MVACs Recycling Program Manager
Stratospheric Protection Division
6205J
U.S. Environmental Protection
Agency
401 M Street, S.W.
Washington, D.C. 20460



United States
Environmental
Protection Agency

Office of Air and Radiation
Stratospheric Protection Division
6205J

August 16, 1995

Section 609 Approved Refrigerant Recover/Recycle and Recover-Only Equipment

The following lists contain the section 609 approved refrigerant recover/recycle and recover-only equipment.

- Table I** - contains recover/recycle equipment approved by Underwriters Laboratory (UL) and ETL Testing Laboratories, Inc.
- Table II** - contains recover/recycle equipment determined to be substantially identical to approved equipment.
- Table III** - contains recover-only equipment approved by Underwriters Laboratory (UL) and ETL Testing Laboratories, Inc.
- Table IV** - contains recover-only equipment determined to be substantially identical to approved equipment.

All lists will be updated as equipment is approved. **Models listed for the first time in this update are in bold type.**

TABLE 1

Manufacturer	Model	Remarks *
A. Gramkow	RRC	
AES NTRON	Retriever 2.2AC and 2.2A	
Airosol Company, Inc	Chargette RC2000, RC2200	
American ThermoFlo	18000	Dual refrigerant
Applied Ecological Systems	2.2c	
Assemblies Systems Corp.	NS-2000	
Atlas Supply Company	EAC-205, -250, -750, -1400, -1500	Multiple Listing
Atlas/SPX - Robinair	EAC-125, EAC-370, 679125, 679137	
Automotive Diagnostics, Division of SPX Corporation	40-375	Multiple Listing
Bear/SPX - Robinair	40-310, 17352C/17352, 17355C, 40-327, 40-370	
Belco Controls Inc.	08	
Carquest Corporation	209990	Multiple Listing
Carrier	12RA001100	
Caterpillar Inc/ SPX -Robinair	4C8754, 4C8755, 905786, 905787, 905788, 905789, 905790	
Century Mfg. Co.	MR-1991-A, -R, ME-1991-A, 160-002, -003, -004, -005, -013, -014, -015, -016. Solar 5090, -5100, -5110, 7100, 8100, 85100, 86100.	
Chrysler/SPX-Robinair	OT-17350, OT-17400, OT-17700	
Classic Tool Design, Inc.	FBR-11*	* certified by ETL, Inc.

Manufacturer	Model	Remarks *
Cornwell/SPX-Robinair	RA-17350C, RA-17400, RA-17500B, RA-17700	
Diavia/SPX-Robinair	17705	
D.W. Myers Enterprises, Inc.	AM 6000, MR-1991-A, MR-1991-R, ME-1991-A	
Dowmar Solvent Recovery Systems, Inc.	DR12R	Multiple Listing
Draf Industries	1400	
Enspeco, Inc.	RMS-3112	
Environmental Products Amalgamated Pty. Ltd	SKYE.EP3, SKYE.EP-4/5	
Environmental Systems Products, Inc.	FICS 9000	Multiple Listing
Environmental Technologies Corporation	SYSTEM I 102-12	
Everco/SPX-Robinair	A9990	
Everco Industries, Inc	A9950	
Firestone/SPX-Robinair	TE 48-30-960-7	
Fluoro Tech, Inc.	Fluoromizer 3000R (FM3000R), FM3000 with RM3 module (Fluoromizer, 3000), FM4000-12	✱ Certified by ETL, Inc. Multiple Listing
Ford Motor Company	158-00001,-00002, 01400900, 02300100	Multiple Listing
Ford-New Holland/SPX-Robinair	FNH00140, FNH00141, FNH00335	
Four Seasons	59870	Multiple Listing
Four Seasons	59900, 59901	
General Motors/SPX-Robinair	17250B	
Honda/SPX-Robinair	J-3810-CH	

Manufacturer	Model	Remarks *
IG-LO, Inc; Subsidiary of Valvoline, Inc	1400, 1500	
IG-LO, Inc.; Subsidiary of Valvoline, Inc.	1000	Multiple Listing
Infiniti/SPX4-Robinair	J-38100-INF	
International Carbonics Inc. (now The Youngstown Research and Development Company YRD)	RRR-SS, BH-RRR	
James Kamm Technologies, Inc.	K-3333, K3333-TB, AC-3333	
John Deere/SPX-Robinair	JTO 2020, JTO 2021, JTO 2052	
Kent Moore/SPX-Robinair	J-38100-C, J-38100-B, J-38750, J-38550-B, J-39770, 42-17400, 43-40015-HDE, 43-40018-HDE, 42-175250-C, 43-40017-HDE, 42-17350-C, 43-40014-HDE, J-38100-D	
Kolpak Mfg. Co.	ZRM2000	
Lexus/SPX-Robinair	00002-01396-02	
MAC Tools Inc	ACRRRC-750, AC650, AC751, AC760 AC600*, AC700*, AC800*	Multiple Listing * Multiple listing by ETL, Inc.
MAC Tools, Inc/SPX-Robinair	AC17350C, AC17400, AC17500B, AC17700, AM 6000	
Matco Tools Corp.	ACRM120, ACRM3412	Multiple Listing
MATCO Tools/SPX-Robinair	AC17350, AC17400, AC17500B, AC17700	
Mastercool, U.S.A. Inc	Supervamp 62000, 65000, 65500	
Mazda/SPX-Robinair	17401MAZ	
MDI	1/2 HPCA	
Mitsubishi/SPX-Robinair	17400MIT, 17401MIT	

Manufacturer	Model	Remarks *
Moog Automotive, Inc	209990	Multiple Listing
Murray Corporation	ATC-1000, -1100, -5000	
Myers Enterprises	MR-1991-A, MR-1991-R, ME-1991-A	
NAPA	209990	Multiple Listing
NAPA Temp. Products	ATC1100, -5000	Multiple Listing
Nissan/SPX-Robinair	J-38100-NI, 17400NIS, 42-17250-NI, 17401NIS, 17403NIS	
OTC/SPX-Robinair	OEM-1380, -1396, -1412, -1420, -48158, -48463	
Ozone Environmental Industries Inc.	R-6A, OS-1000, OS-4000, OS-2000	
P&F Technologies	PF-8	
Power Manufacturing	R-12a	
Promax Industries, Inc	Roger-1 (front and back), Roger 1B	Consists of front and back systems
R & D Fountain Industries	AM6000	
Refrigerant Recovery Systems, Inc	ST100A	
Refrigerant Recovery Technologies, Inc	Fluoromizer 3000R (FM3000R), FM3000 with RM3 module (Fluoromizer 3000), FM4000-12*	* Certified by ETL, Inc.
Refrigerant Technologies, Inc	RRC-1000, RRC-750, RRC-750X, RRC-751, TC-700*, TX-600*, AC-800*, TX-200*	* Certified by ETL, Inc.
Refrigeration Transfer Systems/Justice Supply and Glass	RFT-2212, RFT-2234	
Rolo Inc.	9IR12	
Rotunda/Ford (Sun & SPX)	158-00001, 158-00002, 014-00900, 023-00100, 078-00802, 078-00800, 078-00801	

Manufacturer	Model	Remarks *
R.S.I.	Port-O-Zone, Automotive	
Saturn/SPX-Robinair	42-A7250, 17400ASAT	
Snap-On Tools Company	ACT2500, ACT3000, ACT3300, ACTR3000, ACTH3400	Multiple Listing
SPX Corporation; Robinair Division	12134A, 12135A, 17251C, 014-00900, AC17145, GM17250B, J38100B, -C, 17400A, 17401A, 17500B, 17501B, 17503B, 17300, -01, -03, -50, -50C, -51, -51C, -52, -52C, -53, -53C, -54, -54C, -55C, 17400, -01, -03, -25, 17666, 17700, -01, -03, -15, -25, 17800, 17150, 17151A (for use with models 17350C, 17351C, 17500, 17500B, 17501B, and 17625A only)	
Sun Electric Corporation	MRC-150, -300, -312, -400, -500, MTC-4000, NAPA-1100, - 5000, -A9950, ATC-1000, -1100, -5000, -078-00800, -00801, -00802, -00805, ACT-3120, -3540, -4100.	
Technical Chemical Company	SERCON -8000 (-M, -A, -MA, -MAH, -MV, -MAV, -II), -9000 (-M, -A, -MA, -MV, -MAH, -MAV, -H), -9220, -9220M, - 5000H with -SR4000 or 4000A filter unit, -5000A, - 5000AB, -5000MB or -5000MBJ with SR4000, 4000A or - 4000H filter unit.	
Toyota/SPX-Robinair	TOY-01380, TOY-01396, 00002-01396-01, 42-17400, 17400TOYJ, 17401TOYJ, 17404TOYJ	
Trane Division of American Standard, Inc	RRPC	Multiple Listing
Van Steenburgh Engineering Lab, Inc	JV90-4, -3, -2, -1, LV30-4, -3, -2, -1, CV15-4, -3, -2, -1	

Manufacturer	Model	Remarks *
Watsco Components, Inc.	WC-2	Multiple Listing
White Industries; Division of K-Whit Tools	01050, 01060, 01061, 01080, 01095, 01075, 01234a	
Wynn's Climate Systems	90-0001A, -0458A, -1100A, -1300A, -1500A	
The Youngstown Research and Development Company YRD (formerly International Carbonics)	RRR-SS, BH-RRR	

* A UL Multiple Listing (referred to as private labeling by the industry) is the formal publication of the name of company that appears on equipment that is basically UL Listed for another company. It would be similar to a private brand except that the basic company name need not appear anywhere on the product. This equipment has been evaluated to determine the minimum purity specifications for recycled CFC-12 for use in mobile automotive air conditioning systems. Such equipment is provided with the following auxiliary marking "Design Certified by Underwriters Laboratories for Compliance with * _____ (date) to indicate that the equipment has been investigated for compliance with the applicable SAE requirements.

Table II.

Substantially Identical Recover/Recycle Equipment

REJUVENATOR ST-100 and ST-1000 Refrigerant Recovery Systems, Inc. P.O. Box 360298 Tampa, Florida 33673 (800)327-9142	White Industries Model 01050 K-Whit Tools, Inc. 100 Visionary Way Fishers, IN 46038 (800)849-6830
R-12 Recover-Recycle Machine Justice Glass and Supply Company 2445 Third Avenue Huntington, West Virginia 25703 (800)624-3420	NAPA TEMP ATC-1000 Murray/Division of Moog Automotive, Inc P.O. Box 7224 St. Louis, MO 63177 (314) 385-3400
CFC-SAV-R (with Robinair retrofit kit 17217) LSK, Inc Mcpherson, KS 67460	Everco A9989 (with Robinair retrofit kits 17217 and 17216) Everco Industries P.O. Box 7224 St. Louis, MO 63177 (314) 385-3400
Robinair 17200 (with retrofit kits 17216 and 17217), 17500, RTB17200, RTB17500. Robinair Division, SPX Corporation Robinair Way Montpelier, OH 43543-0193 (419) 485-8300	MODEL K-3330 James Kamm Technologies, Inc. P.O. Box 8961 4730 W. Bancroft A-3 Toledo, Ohio 43615 (419) 531-3313
Space Age Air Products, Inc. Model 010 (with retrofit kit Robinair 17217)	AES-Ntron Models 2.2 and 2.4 456 Creamery Way Exton, PA 19341 (215)594-9309

TABLE III

Manufacturer	Model	Remarks *
AES NTRON	R1.1AC	
Assemblies Systems Corp.	NS750A	no longer manufactured
Clardy Manufacturing Co.	CP4MA	
C Mar Industries Inc.	CM20-12A	
DAVECO Recovery Division of DAVECO Industries Inc.	41250, 41250-2	
Econozone, Inc. (RSB Engineering)	Econozone 29A	
Environmental Products Amalgamated PTY Ltd.	EP10A	
Environmental Technologies Corp.	The-Pro-A	
Fluoro Tech, Inc.	FM3000	* Certified by ETL, Inc.
MDI	5150D	
National Refrigeration Products, Inc.	ULV63	
Power Manufacturing, Inc.	012B-FRSPORT-01 (Power R1)	
Refrigerant Recovery Systems, Inc.	RC-1-A	
Refrigerant Recovery Technologies, Inc.	FM3000	* Certified by ETL, Inc.
Refrigerant Technologies, Inc.	TX 200	* Certified by ETL, Inc.

Manufacturer	Model	Remarks *
R.S.I.	Mini-Sucker1 Automotive Recovery System, RSI Part Number 600075	
SPX Corporation, Robinair Division	17625A	
Technical Chemical	SR5000MBJ, SR1000MBJ	
Watsco Components Inc.	WC1S-A	
White Industries Div. of K-Whit Tools Inc.	01055	

* A UL Multiple Listing (referred to as private labeling by the industry) is the formal publication of the name of company that appears on equipment that is basically UL Listed for another company. It would be similar to a private brand except that the basic company name need not appear anywhere on the product. This equipment has been evaluated to determine the minimum purity specifications for recycled CFC-12 for use in mobile automotive air conditioning systems. Such equipment is provided with the following auxiliary marking "Design Certified by Underwriters Laboratories for Compliance with * _____ (date) to indicate that the equipment has been investigated for compliance with the applicable SAE requirements.

Table IV. Substantially Identical Recover-only Equipment

(None approved as of this date)		



United States
Environmental Protection
Agency

Office of Air and Radiation
Stratospheric Protection Division
6205J

LIST OF APPROVED SECTION 609 CERTIFYING ORGANIZATIONS

OZONE PROTECTION HOTLINE TOLL-FREE (800) 296-1996

EPA'S OZONE DEPLETION WORLD WIDE WEB SITE:

<http://www.epa.gov/docs/ozone/index.html>

September 22, 1995

(This list will be updated when other technician certification programs are approved. Section 609 covers technician certification in the motor vehicle sector only.)

An asterisk (*) indicates that the program offers home study.

Note: Ryder Trucks formerly offered a certification program. Retailers should continue to accept Ryder cards.

C.F.C. Reclamation and Recycling Service, Inc.
P.O. Box 560
Abilene, Texas 79604
(915) 675-5311

approval date: 3/31/93

*The Greater Cleveland Automobile Dealers'
Association
6100 Rockside Woods Boulevard, Suite 235
Independence, Ohio 44131
(216) 328-1500

approval date: 8/12/92

*International Mobile Air Conditioning
Association
P.O. Box 9000
Fort Worth, TX 76147-2000
(817) 338-1100

approval date: 6/29/92

Mechanic's Education Association
10 Main Street
Netcong, New Jersey 07857-1111
(201) 426-9001

approval date: 3/30/93

*Mobile Air Conditioning Society
P.O. Box 97
East Greenville, PA 18041
(215) 679-2220

approval date: 6/12/92

*National Institute of Automotive Service
Excellence
13505 Dulles Technology Drive
Herndon, Virginia 22071-3415
(703) 713-3800

approval date: 6/29/92

New York State Association of Service Stations
and Repair Shops, Inc.
Automotive Technician Training Program
8 Elk Street
Albany, New York 12207
(518) 434-6102

approval date: 8/12/92

Rancho Santiago College
1530 West 17th
Santa Ana, California 92706
(714) 564-6661

approval date: 8/12/92

*Refrigerant Certification Services
8203 Willow Place South
Houston, Texas 77070-9998
(800) 597-9291

approval date: 4/19/93

NOTE: Only RCS technicians with credentials
dated after April 19, 1993 will be considered
trained by an EPA-approved certifying program.

Snap-on Tools Corporation
2801 80th Street
Kenosha, Wisconsin 53141-1410
(414) 656-5200

approval date: 3/30/93

Texas Engineering Extension Service
San Antonio Training Division
The Texas A & M University System
9350 South Presa
San Antonio, Texas 78223-4799
(512) 633-1000

approval date: 3/30/93

*Waco Chemicals, Inc.,
12306 Montague Street
Pacoima, California 91331
(818) 897-3018

approval date: 7/13/93

*ESCO Institute
1350 West Northwest Highway
Suite 205
Mount Prospect, IL 60056
(800) 726-9696

approval date: 12/27/94

New York State Department of Motor Vehicles,
Division of Vehicle Safety - Technical Training
Unit
Empire State Plaza
Swan Street Building, Room 111
Albany, New York 12228
(518) 474-4049

approval date: 5/10/95

*Air Conditioning Contractors of
America/Ferris State University
1712 New Hampshire Avenue, NW
Washington, D.C. 20009
(202) 483-9370

approval date: 9/22/95

(The programs listed below are intended specifically for the employees of these companies)

Geneva Steel
P.O. Box 2500
Provo, Utah 84603
(801) 227-9000

approval date: 2/4/93

Jiffy Lube International
P.O. Box 2967
Houston, Texas 77252-2967
(713) 546-4100

approval date: 9/14/93

Kmart Corporation
East/Central Regional Office
Auto Training Center
551 North Hicks Road
Palatine, Illinois 60067
(708)358-3205

approval date: 8/12/92

Los Angeles County Metropolitan
Transportation Authority (MTA)
900 Lyon Street
Los Angeles, California 90012
(213) 972-5159

approval date: 2/1/94

Minnesota Department of Transportation
Central Services Building
Central Shop Unit
6000 Minnehaha Avenue South
St. Paul Minnesota 55111
(612) 725-2345

approval date: 2/1/94

Potomac Electric Power Company
8400-B Old Marlboro Pike
Upper Marlboro, Maryland 20772
(301) 967-5294

approval date: 8/12/92

Whayne Supply Company
P.O. Box 35900
Louisville, KY 40323-5900
(502)774-4441

approval date: 7/19/93

U.S. Army Ordnance Center and School
Attn: TP-SB-TSED-C10 (SFC Powell)
Aberdeen Proving Ground
Aberdeen, Maryland 21005-5201
(410) 278-4099

approval date: 8/12/92

Yellow Freight System, Inc.
10990 Roe Avenue
P.O. Box 7270
Overland Park, Kansas 66207
(913) 345-3000

approval date: 8/12/92