

**APPENDIX B TO THE NOTICE OF REVISED REGULATORY EXEMPTION FOR THE AMERICAN PYROTECHNICS ASSOCIATION  
(APA)**

[For a Limited HOS Exemption for 48 Motor Carriers during the 2012 Independence Day Celebrations]

Motor carrier	Address 1	Address 2	DOT No.
1. Alonzo Fireworks Display, Inc .....	12 County Rd 75 .....	Mechanicsville, NY 12118 .....	420639
2. American Fireworks Company .....	7041 Darrow Road .....	Hudson, OH 44236 .....	103972
3. AM Pyrotechnics, LLC .....	2429 East 535th Rd .....	Buffalo, MO 65622 .....	1034961
4. Arthur Rozzi Pyrotechnics .....	6607 Red Hawk Ct .....	Maineville, OH 45039 .....	2008107
5. Atlas Enterprises Inc .....	6601 Nine Mile Azle Rd .....	Fort Worth, TX 76135 .....	0116910
6. B.J. Alan Company .....	555 Martin Luther King, Jr Blvd .....	Youngstown, OH 44502-1102 .....	262140
7. Cartwright Fireworks, Inc .....	1608 Keely Road .....	Franklin, PA 16323 .....	882283
8. Central States Fireworks, Inc .....	18034 Kincaid Street .....	Athens, IL 62613 .....	1022659
9. Colonial Fireworks Company .....	5225 Telegraph Road .....	Toledo, OH 43612 .....	177274
10. East Coast Pyrotechnics, Inc .....	4652 Catawba River Rd .....	Catawba, SC 29704 .....	545033
11. Entertainment Fireworks, Inc .....	P.O. Box 7160 .....	Olympia, WA 98507-7160 .....	680942
12. Falcon Fireworks .....	3411 Courthouse Road .....	Guyton, GA 31312 .....	1037954
13. Fireworks & Stage FX America .....	P.O. Box 488 .....	Lakeside, CA 92040 .....	908304
14. Fireworks by Grucci, Inc .....	1 Grucci Lane .....	Brookhaven, NY 11719 .....	324490
15. Fireworks Extravaganza .....	58 Maple Lane .....	Otisville, NY 10963 .....	2064141
16. Fireworks West Internationale .....	3200 West 910 North .....	Logan, UT 84321 .....	245423
17. Garden State Fireworks, Inc .....	383 Carlton Road .....	Millington, NJ 07946 .....	435878
18. Gateway Fireworks Displays .....	P.O. Box 39327 .....	St Louis, MO 63139 .....	1325301
19. Global Pyrotechnics Solutions, Inc ...	10476 Sunset Drive .....	Dittmer, MO 63023 .....	1183902
20. Great Lakes Fireworks .....	24805 Marine .....	Eastpointe, MI 48021 .....	1011216
21. Hamburg Fireworks Display Inc .....	4300 Logan Lancaster Rd .....	Lancaster, OH .....	395079
22. Hi-Tech FX, LLC .....	1135 Ave. I .....	Fort Madison, IA 52627 .....	1549055
23. Hollywood Pyrotechnics, Inc .....	1567 Antler Point .....	Eagan, MN 55122 .....	1061068
24. J&M Displays, Inc .....	18064 170th Ave .....	Yarmouth, IA 52660 .....	377461
25. Kellner's Fireworks Inc .....	478 Old Rte 8 .....	Harrisville, PA .....	481553
26. Lantis Productions dba Lantis Fire- works and Lasers.	P.O. Box 491 .....	Draper, UT 84202 .....	195428
27. Legion Fireworks Co., Inc .....	10 Legion Lane .....	Wappingers Falls, NY 12590 .....	554391
28. Mad Bomber/Planet Productions .....	P.O. Box 294 .....	Kingsbury, IN 46345 .....	777176
29. North Central Industries, Inc .....	1500 E. Washington .....	Muncie, IN 47305 .....	00165755
30. Precocious Pyrotechnics, Inc .....	4420-278th Ave NW .....	Belgrade, MN 56312 .....	435931
31. Pyro Engineering Inc., dba/Bay Fire- works.	110 Route 110, Suite 102 .....	Huntington Station, NY 11746 .....	530262
32. Pyro Shows Inc .....	701 W. Central Ave .....	LaFollette, TN 37766 .....	456818
33. Pyro Spectacuars, Inc .....	3196 N Locust Ave .....	Rialto, CA 92376 .....	029329
34. Pyro Spectaculars North, Inc .....	5301 Lang Avenue .....	McClellan, CA 95652 .....	1671438
35. Pyrotechnic Display, Inc .....	8450 W. St. Francis Rd .....	Frankfort, IL 60423 .....	1929883
36. Pyrotecnico .....	302 Wilson Rd .....	New Castle, PA 16105 .....	526749
37. Pyrotecnico of Louisiana, LLC .....	60 West Ct .....	Mandeville, LA 70471 .....	548303
38. Rainbow Fireworks, Inc .....	76 Plum Ave .....	Inman, KS 67546 .....	1139643
39. RES Specialty Pyrotechnics .....	21595 286th St .....	Belle Plaine, MN 56011 .....	523981
40. Rozzi's Famous Fireworks, Inc .....	11605 North Lebanon Rd .....	Loveland, OH 45140 .....	0483686
41. Skyworks, Ltd .....	13513 W. Carrier Rd .....	Carrier, OK 73727 .....	1421047
42. Spielbauer Fireworks Co, Inc .....	220 Roselawn Blvd .....	Green Bay, WI 54301 .....	046479
43. Stonebraker-Rocky Mountain Fire- works Co.	5650 Lowell Blvd, Unit E .....	Denver, CO 80221 .....	0029845
44. Vermont Fireworks Co., Inc./ Northstar Fireworks Co., Inc.	2235 Vermont Route 14 South .....	East Montpelier, VT 05651 .....	310632
45. Western Display Fireworks, Ltd .....	10946 S. New Era Rd .....	Canby, OR 97013 .....	498941
46. Western Enterprises, Inc .....	P.O. Box 160 .....	Carrier, OK 73727 .....	203517
47. Wolverine Fireworks Display, Inc .....	205 W Seidlars .....	Kawkawlin, MI .....	376857
48. Zambelli Fireworks MFG, Co., Inc ....	P.O. Box 1463 .....	New Castle, PA 16103 .....	033167

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BILLING CODE 4910-EX-P

**DEPARTMENT OF TRANSPORTATION**

**Federal Motor Carrier Safety  
Administration**

[Docket No. FMCSA-2012-0105]

**Qualification of Drivers; Exemption  
Applications; Vision**

**AGENCY:** Federal Motor Carrier Safety  
Administration (FMCSA), DOT.

**ACTION:** Notice of final disposition.

**SUMMARY:** FMCSA announces its decision to exempt seven individuals from the vision requirement in the Federal Motor Carrier Safety Regulations (FMCSRs). The exemptions will enable these individuals to operate commercial motor vehicles (CMVs) in interstate commerce without meeting the prescribed vision requirement in one eye. The Agency has concluded that granting these exemptions will provide a level of safety that is equivalent to or greater than the level of safety

maintained without the exemptions for these CMV drivers.

**DATES:** The exemptions are effective June 27, 2012. The exemptions expire on June 27, 2014.

**FOR FURTHER INFORMATION CONTACT:**

Elaine M. Papp, Chief, Medical Programs Division, (202) 366-4001, [fmcsamedical@dot.gov](mailto:fmcsamedical@dot.gov), FMCSA, Department of Transportation, 1200 New Jersey Avenue SE., Room W64-224, Washington, DC 20590-0001. Office hours are from 8:30 a.m. to 5 p.m. Monday through Friday, except Federal holidays.

**SUPPLEMENTARY INFORMATION:**

**Electronic Access**

You may see all the comments online through the Federal Document Management System (FDMS) at <http://www.regulations.gov>.

**Docket:** For access to the docket to read background documents or comments, go to <http://www.regulations.gov> at any time or Room W12-140 on the ground level of the West Building, 1200 New Jersey Avenue SE., Washington, DC, between 9 a.m. and 5 p.m., Monday through Friday, except Federal holidays. The FDMS is available 24 hours each day, 365 days each year. If you want acknowledgement that we received your comments, please include a self-addressed, stamped envelope or postcard or print the acknowledgement page that appears after submitting comments on-line.

**Privacy Act:** Anyone may search the electronic form of all comments received into any of our dockets by the name of the individual submitting the comment (or of the person signing the comment, if submitted on behalf of an association, business, labor union, etc.). You may review DOT's Privacy Act Statement for the FDMS published in the **Federal Register** on January 17, 2008 (73 FR 3316), or you may visit <http://edocket.access.gpo.gov/2008/pdf/E8-785.pdf>.

**Background**

On May 11, 2012, FMCSA published a notice of receipt of exemption applications from certain individuals, and requested comments from the public (77 FR 27852). That notice listed seven applicants' case histories. The seven individuals applied for exemptions from the vision requirement in 49 CFR 391.41(b)(10), for drivers who operate CMVs in interstate commerce.

Under 49 U.S.C. 31136(e) and 31315, FMCSA may grant an exemption for a 2-year period if it finds "such exemption would likely achieve a level of safety

that is equivalent to or greater than the level that would be achieved absent such exemption." The statute also allows the Agency to renew exemptions at the end of the 2-year period. Accordingly, FMCSA has evaluated the seven applications on their merits and made a determination to grant exemptions to each of them.

**Vision and Driving Experience of the Applicants**

The vision requirement in the FMCSRs provides:

A person is physically qualified to drive a commercial motor vehicle if that person has distant visual acuity of at least 20/40 (Snellen) in each eye without corrective lenses or visual acuity separately corrected to 20/40 (Snellen) or better with corrective lenses, distant binocular acuity of at least 20/40 (Snellen) in both eyes with or without corrective lenses, field of vision of at least 70° in the horizontal meridian in each eye, and the ability to recognize the colors of traffic signals and devices showing requirement red, green, and amber (49 CFR 391.41(b)(10)).

FMCSA recognizes that some drivers do not meet the vision requirement but have adapted their driving to accommodate their vision limitation and demonstrated their ability to drive safely. The seven exemption applicants listed in this notice are in this category. They are unable to meet the vision requirement in one eye for various reasons, including enucleation of the eye, amblyopia, congenital eye disease and retinal detachment. In most cases, their eye conditions were not recently developed. Six of the applicants were either born with their vision impairments or have had them since childhood. The individual that sustained a vision condition as an adult has had it for a period of 10 years.

Although each applicant has one eye which does not meet the vision requirement in 49 CFR 391.41(b)(10), each has at least 20/40 corrected vision in the other eye, and in a doctor's opinion, has sufficient vision to perform all the tasks necessary to operate a CMV. Doctors' opinions are supported by the applicants' possession of valid commercial driver's licenses (CDLs) or non-CDLs to operate CMVs. Before issuing CDLs, States subject drivers to knowledge and skills tests designed to evaluate their qualifications to operate a CMV.

All of these applicants satisfied the testing requirements for their State of residence. By meeting State licensing requirements, the applicants demonstrated their ability to operate a

CMV, with their limited vision, to the satisfaction of the State.

While possessing a valid CDL or non-CDL, these seven drivers have been authorized to drive a CMV in intrastate commerce, even though their vision disqualified them from driving in interstate commerce. They have driven CMVs with their limited vision for careers ranging from 10 to 43 years. In the past 3 years, none of the drivers were involved in crashes, and none of the drivers were convicted of moving violations in a CMV.

The qualifications, experience, and medical condition of each applicant were stated and discussed in detail in the May 11, 2012 notice (77 FR 27852).

**Basis for Exemption Determination**

Under 49 U.S.C. 31136(e) and 31315, FMCSA may grant an exemption from the vision requirement in 49 CFR 391.41(b)(10) if the exemption is likely to achieve an equivalent or greater level of safety than would be achieved without the exemption. Without the exemption, applicants will continue to be restricted to intrastate driving. With the exemption, applicants can drive in interstate commerce. Thus, our analysis focuses on whether an equal or greater level of safety is likely to be achieved by permitting each of these drivers to drive in interstate commerce as opposed to restricting him or her to driving in intrastate commerce.

To evaluate the effect of these exemptions on safety, FMCSA considered the medical reports about the applicants' vision as well as their driving records and experience with the vision deficiency.

To qualify for an exemption from the vision requirement, FMCSA requires a person to present verifiable evidence that he/she has driven a commercial vehicle safely with the vision deficiency for the past 3 years. Recent driving performance is especially important in evaluating future safety, according to several research studies designed to correlate past and future driving performance. Results of these studies support the principle that the best predictor of future performance by a driver is his/her past record of crashes and traffic violations. Copies of the studies may be found at Docket Number FMCSA-1998-3637.

We believe we can properly apply the principle to monocular drivers, because data from the Federal Highway Administration's (FHWA) former waiver study program clearly demonstrate the driving performance of experienced monocular drivers in the program is better than that of all CMV drivers collectively (See 61 FR 13338, 13345,

March 26, 1996). The fact that experienced monocular drivers demonstrated safe driving records in the waiver program supports a conclusion that other monocular drivers, meeting the same qualifying conditions as those required by the waiver program, are also likely to have adapted to their vision deficiency and will continue to operate safely.

The first major research correlating past and future performance was done in England by Greenwood and Yule in 1920. Subsequent studies, building on that model, concluded that crash rates for the same individual exposed to certain risks for two different time periods vary only slightly (See Bates and Neyman, University of California Publications in Statistics, April 1952). Other studies demonstrated theories of predicting crash proneness from crash history coupled with other factors. These factors—such as age, sex, geographic location, mileage driven and conviction history—are used every day by insurance companies and motor vehicle bureaus to predict the probability of an individual experiencing future crashes (See Weber, Donald C., “Accident Rate Potential: An Application of Multiple Regression Analysis of a Poisson Process,” Journal of American Statistical Association, June 1971). A 1964 California Driver Record Study prepared by the California Department of Motor Vehicles concluded that the best overall crash predictor for both concurrent and nonconcurrent events is the number of single convictions. This study used 3 consecutive years of data, comparing the experiences of drivers in the first 2 years with their experiences in the final year.

Applying principles from these studies to the past 3-year record of the seven applicants, none of the drivers were involved in crashes and none of the drivers were convicted of moving violations in a CMV. All the applicants achieved a record of safety while driving with their vision impairment, demonstrating the likelihood that they have adapted their driving skills to accommodate their condition. As the applicants’ ample driving histories with their vision deficiencies are good predictors of future performance, FMCSA concludes their ability to drive safely can be projected into the future.

We believe that the applicants’ intrastate driving experience and history provide an adequate basis for predicting their ability to drive safely in interstate commerce. Intrastate driving, like interstate operations, involves substantial driving on highways on the interstate system and on other roads built to interstate standards. Moreover,

driving in congested urban areas exposes the driver to more pedestrian and vehicular traffic than exists on interstate highways. Faster reaction to traffic and traffic signals is generally required because distances between them are more compact. These conditions tax visual capacity and driver response just as intensely as interstate driving conditions. The veteran drivers in this proceeding have operated CMVs safely under those conditions for at least 3 years, most for much longer. Their experience and driving records lead us to believe that each applicant is capable of operating in interstate commerce as safely as he/she has been performing in intrastate commerce. Consequently, FMCSA finds that exempting these applicants from the vision requirement in 49 CFR 391.41(b)(10) is likely to achieve a level of safety equal to that existing without the exemption. For this reason, the Agency is granting the exemptions for the 2-year period allowed by 49 U.S.C. 31136(e) and 31315 to the seven applicants listed in the notice of May 11, 2012 (77 FR 27852).

We recognize that the vision of an applicant may change and affect his/her ability to operate a CMV as safely as in the past. As a condition of the exemption, therefore, FMCSA will impose requirements on the seven individuals consistent with the grandfathering provisions applied to drivers who participated in the Agency’s vision waiver program.

Those requirements are found at 49 CFR 391.64(b) and include the following: (1) That each individual be physically examined every year (a) by an ophthalmologist or optometrist who attests that the vision in the better eye continues to meet the requirement in 49 CFR 391.41(b)(10) and (b) by a medical examiner who attests that the individual is otherwise physically qualified under 49 CFR 391.41; (2) that each individual provide a copy of the ophthalmologist’s or optometrist’s report to the medical examiner at the time of the annual medical examination; and (3) that each individual provide a copy of the annual medical certification to the employer for retention in the driver’s qualification file, or keep a copy in his/her driver’s qualification file if he/she is self-employed. The driver must have a copy of the certification when driving, for presentation to a duly authorized Federal, State, or local enforcement official.

#### Discussion of Comments

FMCSA received no comments in this proceeding.

#### Conclusion

Based upon its evaluation of the seven exemption applications, FMCSA exempts Charles S. Amyx, Jr. (LA), Giovanni B. Cerino, Jr. (FL), Randall L. Mathis (AL), Shane N. Maul (IN), Michael E. McAfee (KY), Dennis D. Pimley (CA) and James E. Sikkink (IL) from the vision requirement in 49 CFR 391.41(b)(10), subject to the requirements cited above (49 CFR 391.64(b)).

In accordance with 49 U.S.C. 31136(e) and 31315, each exemption will be valid for 2 years unless revoked earlier by FMCSA. The exemption will be revoked if: (1) The person fails to comply with the terms and conditions of the exemption; (2) the exemption has resulted in a lower level of safety than was maintained before it was granted; or (3) continuation of the exemption would not be consistent with the goals and objectives of 49 U.S.C. 31136 and 31315.

If the exemption is still effective at the end of the 2-year period, the person may apply to FMCSA for a renewal under procedures in effect at that time.

Issued on: June 20, 2012.

**Larry W. Minor,**

*Associate Administrator for Policy.*

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**BILLING CODE 4910-EX-P**

## DEPARTMENT OF TRANSPORTATION

### Federal Motor Carrier Safety Administration

[Docket No. FMCSA–2012–0160]

#### Qualification of Drivers; Exemption Applications; Vision

**AGENCY:** Federal Motor Carrier Safety Administration (FMCSA), DOT.

**ACTION:** Notice of applications for exemptions; request for comments.

**SUMMARY:** FMCSA announces receipt of applications from 10 individuals for exemption from the vision requirement in the Federal Motor Carrier Safety Regulations. They are unable to meet the vision requirement in one eye for various reasons. The exemptions will enable these individuals to operate commercial motor vehicles (CMVs) in interstate commerce without meeting the prescribed vision requirement in one eye.

**DATES:** Comments must be received on or before July 27, 2012.

**ADDRESSES:** You may submit comments bearing the Federal Docket Management System (FDMS) Docket No. FMCSA–2012–0160 using any of the following methods: