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performance evaluation certificate pursuant to §391.49;

- (2) Has no impairment of:
- (i) A hand or finger which interferes with prehension or power grasping; or
- (ii) An arm, foot, or leg which interferes with the ability to perform normal tasks associated with operating a commercial motor vehicle; or any other significant limb defect or limitation which interferes with the ability to perform normal tasks associated with operating a commercial motor vehicle; or has been granted a skill performance evaluation certificate pursuant to § 391.49.
- (3) Has no established medical history or clinical diagnosis of diabetes mellitus currently requiring insulin for control:
- (4) Has no current clinical diagnosis of myocardial infarction, angina pectoris, coronary insufficiency, thrombosis, or any other cardiovascular disease of a variety known to be accompanied by syncope, dyspnea, collapse, or congestive cardiac failure.
- (5) Has no established medical history or clinical diagnosis of a respiratory dysfunction likely to interfere with his/her ability to control and drive a commercial motor vehicle safely:
- (6) Has no current clinical diagnosis of high blood pressure likely to interfere with his/her ability to operate a commercial motor vehicle safely;
- (7) Has no established medical history or clinical diagnosis of rheumatic, arthritic, orthopedic, muscular, neuromuscular, or vascular disease which interferes with his/her ability to control and operate a commercial motor vehicle safely;
- (8) Has no established medical history or clinical diagnosis of epilepsy or any other condition which is likely to cause loss of consciousness or any loss of ability to control a commercial motor vehicle;
- (9) Has no mental, nervous, organic, or functional disease or psychiatric disorder likely to interfere with his/her ability to drive a commercial motor vehicle safely;
- (10) 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 standard red, green, and amber;

- (11) First perceives a forced whispered voice in the better ear at not less than 5 feet with or without the use of a hearing aid or, if tested by use of an audiometric device, does not have an average hearing loss in the better ear greater than 40 decibels at 500 Hz, 1,000 Hz, and 2,000 Hz with or without a hearing aid when the audiometric device is calibrated to American National Standard (formerly ASA Standard) Z24.5—1951.
- (12)(i) Does not use a controlled substance identified in 21 CFR 1308.11 *Schedule I*, an amphetamine, a narcotic, or any other habit-forming drug.
- (ii) *Exception*. A driver may use such a substance or drug, if the substance or drug is prescribed by a licensed medical practitioner who:
- (A) Is familiar with the driver's medical history and assigned duties; and
- (B) Has advised the driver that the prescribed substance or drug will not adversely affect the driver's ability to safely operate a commercial motor vehicle; and
- (13) Has no current clinical diagnosis of alcoholism.

[35 FR 6460, Apr. 22, 1970, as amended at 35 FR 17420, Nov. 13, 1970; 36 FR 223, Jan. 7, 1971; 36 FR 12857, July 8, 1971; 43 FR 56900, Dec. 5, 1978; 55 FR 3554, Feb. 1, 1990; 60 FR 38744, July 28, 1995; 62 FR 37152, July 11, 1997; 65 FR 59369, Oct. 5, 2000; 67 FR 61824, Oct. 2, 2002; 73 FR 73127, Dec. 1, 2008, 75 FR 28502, May 21, 2010]

§ 391.43 Medical examination; certificate of physical examination.

- (a) Except as provided by paragraph (b) of this section, the medical examination shall be performed by a licensed medical examiner as defined in § 390.5 of this subchapter.
- (b) A licensed optometrist may perform so much of the medical examination as pertains to visual acuity, field of vision, and the ability to recognize colors as specified in paragraph (10) of § 391.41(b).

- (c) Medical examiners shall:
- (1) Be knowledgeable of the specific physical and mental demands associated with operating a commercial motor vehicle and the requirements of this subpart, including the medical advisory criteria prepared by the FMCSA as guidelines to aid the medical examiner in making the qualification determination: and
- (2) Be proficient in the use of and use the medical protocols necessary to adequately perform the medical examination required by this section.
- (d) Any driver authorized to operate a commercial motor vehicle within an exempt intracity zone pursuant to §391.62 of this part shall furnish the examining medical examiner with a copy of the medical findings that led to the issuance of the first certificate of medical examination which allowed the driver to operate a commercial motor vehicle wholly within an exempt intracity zone.
- (e) Any driver operating under a limited exemption authorized by §391.64 shall furnish the medical examiner with a copy of the annual medical findings of the endocrinologist, ophthalmologist or optometrist, as required under that section. If the medical examiner finds the driver qualified under the limited exemption in §391.64, such fact shall be noted on the Medical Examiner's Certificate.
- (f) The medical examination shall be performed, and its results shall be recorded, substantially in accordance with the following instructions and examination form. Existing forms may be used until current printed supplies are depleted or until September 30, 2004, whichever occurs first.

Instructions for Performing and RECORDING PHYSICAL EXAMINATIONS

The medical examiner must be familiar with 49 CFR 391.41, Physical qualifications for drivers, and should review these instructions before performing the physical examination. Answer each question "yes" or "no" and record numerical readings where indicated on the physical examination form.

The medical examiner must be aware of the rigorous physical, mental, and emotional demands placed on the driver of a commercial motor vehicle. In the interest of public safety, the medical examiner is required to certify that the driver does not have any physical, mental, or organic condition that might affect the driver's ability to operate a commercial motor vehicle safely.

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General information. The purpose of this history and physical examination is to detect the presence of physical, mental, or organic conditions of such a character and extent as to affect the driver's ability to operate a commercial motor vehicle safely. The examination should be conducted carefully and should at least include all of the information requested in the following form. History of certain conditions may be cause for rejection. Indicate the need for further testing and/or require evaluation by a specialist. Conditions may be recorded which do not. because of their character or degree, indicate that certification of physical fitness should be denied. However, these conditions should be discussed with the driver and he/she should be advised to take the necessary steps to insure correction, particularly of those conditions which, if neglected, might affect the driver's ability to drive safely.

General appearance and development. Note marked overweight. Note any postural defect, perceptible limp, tremor, or other conditions that might be caused by alcoholism, thyroid intoxication or other illnesses.

Head-eyes. When other than the Snellen chart is used, the results of such test must be expressed in values comparable to the standard Snellen test. If the driver wears corrective lenses for driving, these should be worn while driver's visual acuity is being tested. If contact lenses are worn, there should be sufficient evidence of good tolerance of and adaptation to their use. Indicate the driver's need to wear corrective lenses to meet the vision standard on the Medical Examiner's Certificate by checking the box, Qualified only when wearing corrective lenses." In recording distance vision use 20 feet as normal. Report all vision as a fraction with 20 as the numerator and the smallest type read at 20 feet as the denominator. Monocular drivers are not qualified to operate commercial motor vehicles in interstate commerce.

Ears. Note evidence of any ear disease, symptoms of aural vertigo, or Meniere's Syndrome. When recording hearing, record distance from patient at which a forced whispered voice can first be heard. For the whispered voice test, the individual should be stationed at least 5 feet from the examiner with the ear being tested turned toward the examiner. The other ear is covered. Using the breath which remains after a normal expiration, the examiner whispers words or random numbers such as 66, 18, 23, etc. The examiner should not use only sibilants (s-sounding test materials). The opposite ear should be tested in the same manner. If the individual fails the whispered voice test, the audiometric test should be administered. For the audiometric test, record decibel loss at $500~\mathrm{Hz},~1,000~\mathrm{Hz},~\mathrm{and}~2,000~\mathrm{Hz}.~\mathrm{Average}~\mathrm{the}$

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decibel loss at 500 Hz, 1,000 Hz and 2,000 Hz and record as described on the form. If the individual fails the audiometric test and the whispered voice test has not been administered, the whispered voice test should be performed to determine if the standard applicable to that test can be met.

Throat. Note any irremediable deformities likely to interfere with breathing or swallowing.

Heart. Note murmurs and arrhythmias, and any history of an enlarged heart, congestive heart failure, or cardiovascular disease that is accompanied by syncope, dyspnea, or collapse. Indicate onset date, diagnosis, medication, and any current limitation. An electrocardiogram is required when findings so indicate.

Blood pressure (BP). If a driver has hypertension and/or is being medicated for hypertension, he or she should be recertified more frequently. An individual diagnosed with Stage 1 hypertension (BP is 140/90-159/99) may be certified for one year. At recertification, an individual with a BP equal to or less than 140/90 may be certified for one year; however, if his or her BP is greater than 140/ 90 but less than 160/100, a one-time certificate for 3 months can be issued. An individual diagnosed with Stage 2 (BP is 160/100-179/109) should be treated and a one-time certificate for 3-month certification can be issued. Once the driver has reduced his or her BP to equal to or less than 140/90, he or she may be recertified annually thereafter. An individual diagnosed with Stage 3 hypertension (BP equal to or greater than 180/110) should not be certified until his or her BP is reduced to 140/90 or less, and may be recertified every 6 months.

Lungs. Note abnormal chest wall expansion, respiratory rate, breath sounds including wheezes or alveolar rales, impaired respiratory function, dyspnea, or cyanosis. Abnormal finds on physical exam may require further testing such as pulmonary tests and/or x-ray of chest.

Abdomen and Viscera. Note enlarged liver, enlarged spleen, abnormal masses, bruits, hernia, and significant abdominal wall muscle weakness and tenderness. If the diagnosis suggests that the condition might interfere with the control and safe operation of a commercial motor vehicle, further testing and evaluation is required.

Genital-urinary and rectal examination. A urinalysis is required. Protein, blood or sugar in the urine may be an indication for further testing to rule out any underlying medical problems. Note hernias. A condition causing discomfort should be evaluated to determine the extent to which the condition might interfere with the control and safe operation of a commercial motor vehicle.

Neurological. Note impaired equilibrium, coordination, or speech pattern; paresthesia;

asymmetric deep tendon reflexes; sensory or positional abnormalities; abnormal patellar and Babinski's reflexes; ataxia. Abnormal neurological responses may be an indication for further testing to rule out an underlying medical condition. Any neurological condition should be evaluated for the nature and severity of the condition, the degree of limitation present, the likelihood of progressive limitation, and the potential for sudden incapacitation. In instances where the medical examiner has determined that more frequent monitoring of a condition is appropriate, a certificate for a shorter period should be issued.

Spine, musculoskeletal. Previous surgery, deformities, limitation of motion, and tenderness should be noted. Findings may indicate additional testing and evaluation should be conducted.

Extremities. Carefully examine upper and lower extremities and note any loss or impairment of leg, foot, toe, arm, hand, or finger. Note any deformities, atrophy, paralysis, partial paralysis, clubbing, edema, or hypotonia. If a hand or finger deformity exists, determine whether prehension power grasp are sufficient to enable the driver to maintain steering wheel grip and to control other vehicle equipment during routine and emergency driving operations. If a foot or leg deformity exists, determine whether sufficient mobility and strength exist to enable the driver to operate pedals properly. In the case of any loss or impairment to an extremity which may interfere with the driver's ability to operate a commercial motor vehicle safely, the medical examiner should state on the medical certificate "medically unqualified unless accompanied by a Skill Performance Evaluation Certificate." The driver must then apply to the Field Service Center of the FMCSA, for the State in which the driver has legal residence. for a Skill Performance Evaluation Certificate under §391.49.

Laboratory and Other Testing. Other test(s) may be indicated based upon the medical history or findings of the physical examination.

Diabetes. If insulin is necessary to control a diabetic driver's condition, the driver is not qualified to operate a commercial motor vehicle in interstate commerce. If mild diabetes is present and it is controlled by use of an oral hypoglycemic drug and/or diet and exercise, it should not be considered disqualifying. However, the driver must remain under adequate medical supervision.

Upon completion of the examination, the medical examiner must date and sign the form, provide his/her full name, office address and telephone number. The completed medical examination form shall be retained on file at the office of the medical examiner.

Medical Examination Report FOR COMMERCIAL DRIVER FITNESS DETERMINATION

649-F (6045)

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ation):	Temporarily disqualified due to (condition or medication); Address Return to medical examiner's office for follow up on Telephone Number Telephone Number Telephone Number Telephone Number Telephone Number	Note certification sta Meets standar Does not mee	atus here. See rds in 49 CFR 3 standards rds, but periodic rd only for:	Instructions to the N 891.41; qualifies for 2 c monitoring requirec months	hedical Examiner for guida § year certificate due to \$ ☐1 year ☐ Other	nce.	Medical CICIC	Wearing corrective Wearing hearing air Accompanied by a exemption at time o Skill Performance E Driving within an a Coulified by operat	ense f certification. valuation (SPE) exempt intracity z ion of 49 CFR 33	iver/ exemption. Drive artificate te (See 49 CFR 391.62 64	er mus	t pres	
	if meets standards complete a Medical Evaniner's Certificate as stated in 40 CFR 391 43(h). (Driver must centr certificate when commercial vehicle.)	Temporarily d Return to medi	isqualified due	to (condition or medionalise for follow up or	ication): n		Medical I Address Telephol	Examiner's name s s ne Number			And the second s		

49 CFR 391.41 Physical Qualifications for Drivers

Responsibilities, work schedules, physical and emotional demands, and lifestyles among commercial drivers vary by the type of driving that they do. Some of the mair types of drivers include the following: turn around or short relay (drivers return to their home base each evening); long relay (drivers drive 9-11 hours and then have at least a 10-hour off-duty period), straight through haul (cross country drivers), and team drivers (drivers share the driving by alternating their 5-hour driving periods and The following factors may be involved in a driver's performance of duties: abrupt schedule changes and rotating work schedules, which may result in irregular sleep patterns and a driver beginning a trip in a fatigued condition; long hours; extended time away from family and friends, which may result in lack of social support; tight pickup and delivery schedules, with irregularity in work, rest, and eating patterns, adverse road, weather and traffic conditions, which may cause delays and lead to hurriedly loading or unloading cargo in order to compensate for the lost time; and environmental conditions such as excessive vibration, noise, and extremes in temperature. Transporting passengers or hazardous materials may add to the demands on the commercial driver.

trailer(s) from the tractor, loading and unloading trailer(s) (sometimes a driver may lift a heavy load or unload as much as 50,000 lbs. of freight after stitut for a long period of time without any stretching period); inspecting the operating condition of tractor and/or trailer(s) before, during and after delivery of cargo; lifting, installing, and removing heavy lite chains; and, lifting heavy tarpaulins to cover open to ptrailers. The above tasks demand agility, the ability to bend and stoop, the ability to maintain a crouching position to inspect the underside of the vehicle, frequent entering and exting of the cab, and the ability to climb ladders on the tractor and/or trailer(s). In addition, a driver must have the perceptual skills to monitor a sometimes complex driving situation, the judgment skills to make quick decisions, when necessary, and the manipulative skills to control an oversize steering wheel, shift gears using a manual transmission, and maneuver a vehicle in crowded areas. There may be duties in addition to the driving task for which a driver is responsible and needs to be fit. Some of these responsibilities are: coupling and uncoupling

§391.45 PHYSICAL QUALIFICATIONS FOR DRIVERS

(a) A person shall not drive a commercial motor vehicle unless he is physically qualified to do so and, except as provided in §391.67, has on his person the original, or a photographic copy, of a medical examiner's certificate that he is physically qualified to drive a commercial motor vehicle.

diagnosis of rheumatic, arthritic, orthopedic, muscular, neuromuscular, or vascular disease which infederes with his ability to control and operate a commercial motor vehicle safely. (8) Has no established medical history or clinical

(7) Has no established medical history or clinical

commercial motor vehicle;
(9) Has no mental, nervous, organic, or functional disease or psychiatric disorder likely to interfere with his ability to drive a commercial motor vehicle safely;
(10) Has distant visual acuity of at least 20/40 (Snellen)

diagnosis of epilepsy or any other condition which is likely to cause loss of consciousness or any loss of ability to control a

(b) A person is physically qualified to drive a motor vehicle if that

(1) Has no loss of a foot, a leg, a hand, or an arm, or has been granted a Skill refromance Evaluation (SPP.) Certificate (formerly Linb Waher Program) pursuant to \$331.49.
(2) Has no impairment of: (i) A hand or finger which interferes

operating a commercial motor vehicle; or any other significant limb detect or limitation which interferse with the ability to perform normal tasks associated with operating a commercial motor vehicle; or has been granted a SPE Certificate pursuant to \$391.49.

(3) Has no established medical history or clinical diagnosis of diabetes melitus currently requiring insulin for control; with prehension or power grasping; or (ii) An arm, foot, or leg which interferes with the ability to perform normal tasks associated with

(5) Has no established medical history or clinical diagnosis of a espiratory dysfunction likely to interfere with his ability to control and (4) Has no current clinical diagnosis of myocardial infarction, cardiovascular disease of a variety known to be accompanied by angina pectoris, coronary insufficiency, thrombosis, or any other syncope, dyspnea, collapse, or congestive cardiac failure.

better ear not less than 5 feet with or without the use of a hearing aid, or, if tested by use of an audiometric device, does not have an average hearing loss in the better ear greater than 40 decibels at 500 Hz, 1,000 Hz and 2,000 Hz with or without a hearing device when the audiometric device is calibrated to the American National Standard (formerty ASA Standard) 224,5-1951;

(11) First perceives a forced whispered voice in the

standard red, green and amber;

(6) Has no current clinical diagnosis of high blood pressure ikely to interfere with his ability to operate a commercial motor vehicle safely

(12) (i) Does not use a controlled substance identified in 21 CFR 1308.11 Schedule use such a substance or drug, if the substance or drug is prescribed by a licensed medical practitioner who: (A) Is familiar with the driver's habit-forming drug. (ii) Exception: A driver may , an amphetamine, a narcotic, or any other

alcoholism

in each eye without corrective lenses or visual acuity separately corrected to 20240 (State) or least with corrective lenses, distant binocular acuity of all eleast 20/40 (Snellen) in both eyes with or without corrective lenses, field of vision of at least 70 degrees in the horizontal meridian in each eye, and the ability to recognize the colors of traffic signals and devices showing

medical history and assigned duties; and (B) Has advised the driver that the prescribed substance or drug will not adversely affect the driver's ability to safely operate a commercial motor vehicle; and (13) Has no current clinical diagnosis of

INSTRUCTIONS TO THE MEDICAL EXAMINER

In addition to reviewing the **Health History** section with the driver and conducting the physical examination, the medical examiner should discuss common prescriptions and over-the-counter medications relative to the side effects and hazards of these medications while driving. Educate the driver to read warning labels on all medications. History of certain conditions may be cause for rejection, particularly if required by regulation, or may indicate the need for additional alboratory tests or more stringent examination in the need for additional alboratory tests or more stringent examination may be an addical specialist. These decisions are usually made by the medical examiner in light of the driver's job responsibilities, work schedule and potential for the conditions to render the driver unsafe. Medical conditions should be recorded even if they are not cause for denial, and they should be discussed with the driver to encourage another in the special care. This advice is especially needed when a condition, if neglected, could develop into a serious liness that could affect

regulations, the certificate must be detect. Under current regulations, the certificate must be detect. Under current regulations, the certificate install for two years, unless the driver has a medical condition that does not prohibit driving but does require more frequent monitoring. In such situations, the medical certificate should be issued for a shorter length of time. The physical examination should be issued for a shorter length of time. The physical examination should be included by the attached form. Contact the FMCSA at (202) 366-1790 for further information (a vision exemption, qualifying drivers under 49 CFR 391.64, also able to perform non-driving responsibilities as may be required, the medical examiner signs the medical certificate which the driver must carry If the medical examiner determines that the driver is fit to drive and is

Interpretation of Medical Standards
Since the issuance of the regulations for physical qualifications of
commercial drivers, the Federal Motor Carrier Safety Administration
(FMCSA) has published recommendations called Advisory Criteria to help medical examiners in determining whether a driver meets the physical qualifications for commercial driving. These recommendations have been condensed to provide information to medical examiners that (1) is directly relevant to the physical examination and (2) is not aiready included in the medical examination form. The specific regulation is printed in italics and t's reference by section is highlighted.

Federal Motor Carrier Safety Regulations -Advisory Criteria-

Diabetes §391.41(b)(3) A person is physically qualified to drive a commercial motor vehicle if that person: vehicle if that person: Has no loss of a foot, leg, hand or an arm, or has been granted a Skill Performance Evaluation (SPE) Certificate pursuant to Section 39149.

and space. Individuals who require insulin for control have confliction with can get be a confliction without an end of control or of the insulin of old of individuals of the use of the meant in desage. Incapacitation may occur from symptoms of hyperglycemic or hypoglycemic carelions (drowsiness, semiconsciousness, diabetic come or insulin (drowsiness, semiconsciousness, diabetic come or insulin physically qualified to drive a commercial moto Has no established medical history or clinical diagnosis of diabetes mellitus currently requiring insulin for control. Diabetes mellitus is a disease which, on occasion, can result in a loss of consciousness or disorientation in time

shock). The administration of insulin is, within itself, a

In a autimation to instance the achieves and adolescent and adolescent and action sequences and a selection sequences and a scientificated process requiring insulin, sylings, needle, adolescion solds and a stellar electrique, a factors related to ong-hall commercial motor vehicle operations, such as stress, and concomitant illness, compound the dangers, stress, and concomitant illness, compound the dangers, the FMCSA has consistently held that a diabetic who uses insulin for control does not meet the minimum physical equinements of the FMCSR. This continues to the activities are sometimes prescribed for diabetic individuals to help simulate natural body producitors of insulin, if the condition can be controlled by the use of oral medication and diet, then an individual may be qualified under the present rule. CMV dirivers who do not meet the Federal diabetes standerd may call (202) 366-1790 for an application for a diabetes sample. (See Conference Report on Diabetic Disorders and Commercial Drivers and Insulin-Using Commercial Motor Vehicle Drivers and Insulin-Using Commercial Motor Vehicle Drivers and

Cardiovascular Condition

§391.41(b)(4)
A person is physically qualified to drive a commercial motor vehicle if that person:
Has no current clinical diagnosis of myocardial infarction, angina person; so may insufficiency, it mombosis or any other cardiovascular disease of a variety known to be accompanied by synocope, dyspnea, collepse or congestive

cardiac failure.

The term "has no current clinical diagnosis of its specifically designed to encompass." *a clinical diagnosis of of (1) a current cardiovascular condition, or (2) a cardiovascular condition, or (2) a cardiovascular condition, which has not fully stabilized regardless of the time limit. The term "known to be

qualification to operate a commercial motor vehicle (CMV) in infersible commerce according to the requirements in 46 CFR 931 44.3. Therefore, the medical examiner must be knowledgeable of these requirements and guidelines developed by the FMCSA to assist the medical examiner in making the qualification determination. The medical examiner should be familiar with the driver's responsibilities and work environment and is referred to the section on the form. The Driver's Role.

ver A person is physically qualified to drive a commercial motor must vertice if that person:

The year of person is physically qualified to drive a commercial motor which interferes after that person:

The state of impairment of: (i) A hand or finger which interferes after with person or power grassing; or (id) An arm, foot, or leg short interferes with person mormal tasks associated with operating a commercial motor vehicle; or (iii) committed as fall Performance Evaluation (SPE) Certificate the pursuant to Section 341, and present who suffers to set of a foot, leg, hand or arm or with the ability to perform normal tasks associated with operating a commercial motor vehicle; or (iv) has been started a Sellin Performance Evaluation (SPE) Certificate the pursuant to Section 341, and morphisment in any way interferes with the safe present motor vehicle is subject to the Skill Performance of normal tasks associated with operating a commercial motor vehicle is subject to the Skill Performance of commercial motor vehicle is subject to the Skill Performance of commercial motor vehicle is subject to the Skill Performance of operating a commercial motor vehicle is subject to the Skill Performance of commercial motor vehicle and subject to subject to subject to the subject of the properties of commercial motor vehicle and subject to the subject of the properties of commercial motor vehicles. Since there are no medical aids and subject to the finding syll general and other site of the finding of the persons with an other statictions may be included on including syll greates a commercial motor vehicle. Since there are no medical aids and equipment nodifications which enable them to safely on persite a commercial motor vehicle. Since there are no medical aids static princers to the persons of the perso

(391.41(b)(3) through (13)), the medical examiner must check not the medical explicate that the fivies is quilified only if accompanied by a SPE certificate. The driver and the employing motor carrier are subject to appropriate penalty if the driver motor carrier are subject to appropriate penalty if the driver motor carrier are subject to appropriate penalty if the driver motor earlier are subject to appropriate penalty if the driver without a current SPE certificate for hisher physical disability.

symptoms of syncope, dyspnea, collapse or congestive cardiac failure; and/or (2) which is likely to cause syncope,

curator canner, andron (z) wints is wary to cause syncope, dysprae, collapse or congestive cardiac failure.

If it is the infer of the FMCSRS to render unduilified, a driver who has a current cardiovascular disease which is accompanied by androf liely to cause symptoms of cardioralities. So to render unduilified, a driver who has a current cardiovascular isocondition of whether the nature and severity of an individual's condition will likely cause symptoms of cardiovascular instificancy of non individual basis and qualification rests with the medical examiner and the motor carrier. In those cases where there is an occurrence of cardiovascular instificancy (invocardial infarction humbons, etc.), it is suggested before a driver is certified that he or she have a normal resting and stiess is certified that he or she have a normal resting and stiess electrocardiogram (ECC) no residual complications and to interfer with safe driving.

In the driver and should not, by its use, medically disquality the commendations whose can invoce the relabilitators are disquality the commendations regarding the physical qualification of drivers on counadin. Professional sets of the left of drivers and should not, by its use, medically disquality the commendations regarding the physical qualification of drivers on counadin of the drivers and should not, by its use, medically disquality the commendations regarding the physical qualification of the general health and should not. By the Medical examination of Commendations of Commendations and the general health and should not by the commendation of Commendations and the general health and should not be a decontant and should not by a serior divide in the work of the drivers on commendations regarding the physical qualification of drivers on commendations ergarding the physical qualification of drivers on commendations of commendations and the general health and should not be a decontant and the general health and should not be a decondant of the drivers and should not be a decondant o

Respiratory Dysfunction

vehicle if that person:
Hea no establishud medical history or clinical diagnosis of a respiratory dysturction likely to interfere with ability to control and drive a commercial motor vehicle safely. is physically qualified to drive a commercial motor

Since a diview must be alert at all times, any change in his or the mental state is in direct conflict with highway safety. Even the slightest impairment in respiratory function under emregariery conditions (when greater oxygen supply is necessary for performance) may be definited in safe

driving.

There are many conditions that interfere with oxygen exchange and may readility and are represented in the properties, and provided the conditions that interpretation for forming about the conditions and sleep appreas. If the medical chronic bonchits and sleep appreas. If the medical examiner deletes a respiratory dystunction, that in any way is likely to interfere with the driver's ability to safety control and drive a commercial motive vehicle, the driver must be referred to a specialist for further evaluation and therapy. Anticoagulation therapy for deep vient thrombosis and/or pulmonary thromboembolism is not unqualifying once optimum (does is achieved, provided lower externity verous examinations remain normal and the treating physician gives a favorable recommendation.

(See Conference on Pulmonary/Respiratory Disorders and Commercial Drivers at: http://www.fmcsa.dot.gov/rulesregs/medreports.htm

A person is physically qualified to drive a commercial motor vehicle if that person: Has no current clinical diagnosis of high blood pressure likely to interfere with ability to operate a commercial motor

Ventries stately.

Whypertension alone is unlikely to cause sudden collapse;

Hypertension alone is unlikely to cause sudden collapse;

however, the likelihood increases when traget organ
damage, particularly cerebral vascular diseases, is present.

This regulatory criteria is based on FMCSA's.

Cardiovascular Advisory Guidelines for the Examination of
CAM Univers, which used the Sixth Report of the Joint
National Committee on Declorion, Evaluation, and
Teatment of High Blood Pressure (1997).

Salge 1 hypertension corresponds to a systolic BP of
140-159 mmHg andror a dissolic BP of 90-39 mmHg. The
driver with a BP in this range is at low risk for
Nyperension-related caute in capacitation and may be
medically carified to drive for a one-year period.
Certification warmanions should be done amountally
thereafter and should be at or less than 140/90. If less than
160/100, certification may be extended one time for 3

months

A blood pressure of 160-179 systolic and/or 100-109
diastolic is considered Stage 2 typertension, and the driver is not necessarially unqualified during evaluation and institution of treatment. The driver is given a one time exertification of the memority to reduce his for the blood pressure to less than or equal to 140/90. A blood pressure in this range is an absolute indication for anti-hypertensise duty therasy. Provided treatment is well tolerated and the driver demonstrates a EP value of 140/90 or less, he or she may be certified for one ly-seafer than 180 (systolic) and 110 (diastolic) is considered Stage 3. high risk for an acute the discounting the seafer than 180 (systolic) and 110 (diastolic) is considered Stage 3. high risk for an acute Breitalded well. The driver may not be cultified, even temporarily, until reduced to 140/90 or less and treatment is emporarily, levely to the seafer than 180 or less and treatment is defined to the reduced to 140/90 or less and treatment is and blemmantally (every 6 months and blemmantally (every 6 months) thereaffer if at recheck Br is 44/90 or less.

Annual recertification is recommended if the medical examiner does not know the severity of hypertension prior to treatment.

have side effects, the importance of which must be judged on an individual bass. Individuals must be alerted to the hazards of these medications while driving. Side effects of somnolence or syncope are particulary undesirable in commercial drivines.

Secondary hypertension is based on the above stages. Evaluation is warranted if patient is persistently hypertensive An elevated blood pressure finding should be confirmed by at least two subsequent measurements on different days.

Treatment includes nonpharmacologic and pharmacologic modalities as well as counseling to reduce other frisk factors. Most annihypertensive medications also other fisk lactors.

on maximal or near-maximal doses of 2-3 pharmacologic agents.

Some causes of secondary hypertension may be amenable to surgical intervention or specific pharmacologic disease.

(See Cardiovascular Advisory Panel Guidelines for the Medical Examination of Commercial Motor Vehicle Drivers at: http://www.fmcsa.dot.gov/rulesregs/medreports.htm)

Rheumatic, Arthritic, Orthopedic, Muscular, Neuromuscular or Vascular Disease §391.41(b)(7) A person is physically qualified to drive a commercial motor vehicle if

that person:
Has no astablished medical history or clinical diagnosis of theumatic.
Has no astablished medical history or clinical diagnosis of fleating and commercial motor artificial motor. vehicle safely.

muscle weakness, poor muscular coordination (ataxia), abnormal sensations (paresthesia), decreased muscular tone (hypotonia), visual have more insidious onsets and display symptoms of muscle wasting eventually interfere with the ability to safely operate a motor vehicle. many instances these diseases are degenerative in nature or may disturbances and pain which may be suddenly incapacitating. With Certain diseases are known to have acute episodes of transient each recurring episode, these symptoms may become more pronounced and remain for longer periods of time. Other diseases incapacitate a person but may restrict his/her movements and (atrophy), swelling and paresthesia which may not suddenly result in deterioration of the involved area.

arthritic, orthopedic, muscular, neuromuscular or vascular disease, then he/she has an established history of that disease. The physician when examining an individual, should consider the following: (1) the present initially but may manifest itself over time); and (4) the likelihood required, a certificate for a shorter period of time may be issued. (See Conference on Neurological Disorders and Commercial Drivers at: or loss of strength); (2) the degree of limitation present (such as range nature and severity of the individual's condition (such as sensory loss of sudden incapacitation. If severe functional impairment exists, the driver does not qualify. In cases where more frequent monitoring is Once the individual has been diagnosed as having a rheumatic, of motion); (3) the likelihood of progressive limitation (not always http://www.fmcsa.dot.gov/rulesregs/medreports.htm)

Epilepsy (\$391-(11)(8)
A person is physically qualified to drive a commercial motor vehicle if that person:
Has no established medical history or clinical diagnosis of epilepsy or any other condition which is likely (1 couse loss of person:
Epilepsy is a chronic functional diagnosis of epilepsy or any other condition which is likely (1 couse) as more analysis of expensive that the control amount vehicle.
Epilepsy is a chronic functional disease characterized by sectures or gardy loss of ability to control amount presulting in loss of voluntary cannot which the loss of submitted and the section of the control amount may lead to loss of consciousness and or sectures. Therefore, the following drivers cannot be qualified; (1) a driver who has an enclaral history of epilepsy; (2) a driver who has a current indical diagnosis of epilepsy; (2) (3) a driver who has a current indical diagnosis of epilepsy; (2) (3) a driver who is taking antiseizure medication. The decision as to whether that person's condition will likely cause loss of consciousness or loss of ability to control amount vehicle amount or person's condition will likely cause loss of consciousness or loss of ability to control amount vehicle and earlies and maintesture medication, the decision as to whether that person's condition will likely cause loss of consciousness or last secture or an englative and amiseizure medication is not required, then the driver may be qualified.

In those individual cases where a driver has a secture or an elected of loss of consciousness statists of the examination and engative and amiseizure medication is not required, then the driver medical condition (e.g., drug reaction, high temperature, acute infection should be deferred until the driver has fully recovered from that condition and has no existing residual complications, and mainly an existing residual complications, and mainly an existing residual complications, and mainly an existing residual complications, and an an election of the supersons.

not taking antiseizure medication.

Dures with a instigor of epipesyleizures off antiseizure medication and estizure-free for 10 years may be qualified to drive a cMN in interstate commerce. Interstate drivers with a history of a single unprovoked seizure may be qualified or drive a CMN in interstate commerce. Interstate drivers with a history of a single unprovoked seizure may be qualified to drive a CMN in interstate commerce if seizure-free and off antiseizure medication interstate commerce of seizure-free and off antiseizure medication.

A person is physically qualified to drive a commercial motor vehicle if that person:

valuate in that pervous, organic or functional disease or psychiatric disorder likely to interfere with ability to drive a motor vehicle safety. The motion of establishment disorders likely to interfere with ability to drive a motor vehicle safety. The motion of establishment designed in the motor of th

A person is physically qualified to drive a commercial motor vehicle if that person:

verbiled if that person verbile if that person verbile if that person where distant visual acuity of at least 20/40 (Snellen) in each eye with or without corrective lenses or visual acuity separately corrected to 20/40 (Snellen) or better with corrective lenses, distant incourant person in both eyes with or without corrective lenses, field of vision of at least 70 degrees in the horizontal merdien in each eye, and tha ability to ecopyrize the colors of traffic signals and devices stowing standard red, green and amber. The term "ability to recopyrize the colors of it self is easy to the term "ability to recopyrize the colors of it self of vision of at least 70 control signals and devices stowing standard red, green and amber, he or size meets the mitimum standard red, green and amber, he or size meets the mitimum standard red, green and amber in the or size meets the mitimum standard red, green and amber in the or size meets the mitimum standard red, green and amber where colors are permissible if there is sufficient evidence. Conduct lenses are permissible if there is sufficient evidence to indicate that the driver has good tolerance and is well additione visual aculty and another lens in the other eye for near vision is not acceptable in or telescopic lenses acceptable for the device and in cividual meets the criticale. "Cloudified only if wearing corrective lenses, the following statement shall appear on the Medicale Examiner's Certificate. "Cloudified only if wearing corrective lenses." and not on meet the Tederal vision standard may are meeting more as a permissible or the device as admitted a vision standard example." (See Visual Disorders and Commercial Diverses at thitp.//www.tmcsa dot.gov/rulesregamedeports.htm))

Hearing
\$34.4(b)(11)
\$43.4(b)(11)
\$54.4(b)(11)
\$65.0 is physically qualified to drive a commercial motor vehicle if that person is physically qualified to drive a commercial motor vehicle if that person is perceives a forced whispened voice in the better ear at not less than 5 feet with or without the set of a hearing aid, or, if less than 5 feet with or without less of a hearing aid, or, if less than 5 feet with or without less of a hearing aid, or, if a very early set in the better ear greater than 40 decibels at 350 fb. 1, 1000 hz, and 2,000 hz, with or without a hearing aid when the audiometric device is personalized to American National Standard (cromath ADA Standard) 224.5; 48 hz. Since the prescribed standard under the RMCSRs is the American Standard Standard (Innex) it may be necessary to convert the audiometric results from the 160 standard to the Rsis sandard. Instructions are included on the Medical he Rsimilation; eport form.

If an individual necess the order by using a hearing aid, the driver mast ware that hearing aid and have this no operation at all times while driving. Also, the driver must be in possession of a space power source for the hearing aid. For the whispered voluce that, the individual should be stadioned at least 5 feet from the examiner with the east being tested turned toward the examiner. The other east is covered, to still the better east is covered, the least which remains after an omine expiration, the examiner whispers words or random numbers such as 66; 18.

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23, etc. The examiner should not use only sibilants (s sounding materials). The opposite ear should be tested in the same manner. If the individual fails the whispered voice test, the audiometric test should be administered. "If an individual meets the criteria by the use of a hearing aid, the following statement must appear on the Medical Examiner's Certificated "Qualified only when wearing a hearing aid." "Qualified only when wearing a hearing all commission Monto Vehicle Drivers at: http://www.imm.csa.doi.gov/indesregamedipsors.html)

Assart Alloya.

Agenton is physically qualified to drive a commercial motor vehicle if that Deescon is physically qualified to drive a commercial motor vehicle if that Deescon to tes a controlled substance identified in 21 CFR 1308.11.

Does not use a controlled substance identified in 21 CFR 1308.11.

Does not use a controlled substance of drug, if he drug on the drug on medical ording into adversely affect the druck of substance of any will not adversely affect the druck of he drug on medical ording with interest with the sale performance of ording basks on a public road. If a driver uses a Schedule I drug or of other substances are reconcuration, with interest with the sale performance of driving basks on a public road. If a driver uses a Schedule I drug or of other substances are reconcuration, with a prediction with a therefore with the sale performance and protection of the substances is not required as part of this bennial certification process. The FMCSA or the driver's employer should be certification process. The FMCSA or the driver's employer should be certification process, or any other ordinaries on any ordinaries or involve body full desing if body fluid testing to problement or properties or positive test readiles should be confirmed by a second east of greater positive its medicalium generally recognized as capable of becoming habitual, and medicalium generally recognized as capable of becoming habitual, and englement in manier in the problibled drug lest read at Additionally, given that the certification generally recognized as capable of becoming habit

person is physically qualified to drive a commercial motor vehicle if that

(g)(1) If the medical examiner finds that the person examined is physically qualified to operate a commercial motor vehicle in accordance with §391.41(b), the medical examiner should complete a certificate in the form prescribed in paragraph (h) of this section and furnish the original to the person who was examined. The examiner may provide a copy to a prospective or current employing motor carrier who requests it.

(2) For all drivers examined, the medical examiner should retain a copy of the Medical Examination Report at least 3 years from the date of the examination. If the driver was certified as physically qualified, then the medical examiner should also retain the medical certificate as well for at least

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3-years from the date the certificate was issued. $\,$

(h) The medical examiner's certificate shall be substantially in accord-

ance with the following form. Existing forms may be used until current printed supplies are depleted or until November 6, 2001, whichever occurs first.

MEDICAL EXAMI	MEDICAL EXAMINER'S CERTIFICATE	
I certify that I have examined in accordance with the Federal Motor Carrier Safety Regulations (49 CFR 391.41-391.49) and with knowledge of the driving duties, I find this person is qualified; and, if applicable, only when:	in accordance with the Federal Motor Carduties, I find this person is qualified; and, if applicable, only when:	otor Car- y when:
wearing corrective lenses	driving within an exempt intracity zone (49 CFR 391.62)	
☐ wearing hearing aid	accompanied by a Skill Performance Evaluation Certificate (SPE)	PE)
☐ accompanied by awaiver/exemption ☐ Q	্ৰ Qualified by operation of 49 CFR 391.64	
The information I have provided regarding this physical examination is true and complete. A complete examination form with any attachment embodies my findings completely and correctly, and is on file in my office.	complete. A complete examination form with any attachme	ant embodies my findings
SIGNATURE OF MEDICAL EXAMINER	TELEPHONE	DATE
MEDICAL EXAMINER'S NAME (PRINT)	MD DO C	Chiropractor Advanced Practice Nurse
MEDICAL EXAMINER'S LICENSE OR CERTIFICATE NO. / ISSUING STATE		
SIGNATURE OF DRIVER	DRIVER'S LICENSE NO.	STATE
Address of driver		
MEDICAL CERTIFICATE EXPIRATION DATE		

[35 FR 6460, Apr. 22, 1970]

EDITORIAL NOTE: For FEDERAL REGISTER citations affecting $\S 391.43$, see the List of CFR Sections Affected, which appears in the Finding Aids section of the printed volume and on GPO Access.