



COMMONWEALTH of VIRGINIA

Department of Motor Vehicles
2300 West Broad Street

Richard D. Holcomb
Commissioner

Post Office Box 27412
Richmond, VA 23269-0001

New Vision Requirements for Driving - Revised DMV Vision Form (MED 4)

February 22, 2018

Dear Provider,

During the 2017 legislative session, Delegate Fowler's HB 1504 and Senator Dunnavant's SB 1229 were passed. These were companion bills that amended the minimum visual field standards in *VA Code* §46.2-311 from 100 degrees of horizontal vision in one or both eyes to 110 degrees in one or both eyes. This change became effective on July 1, 2017.

In addition, after adjournment of the 2017 General Assembly session, DMV was asked by Senator Charles W. Carrico, Sr., Chairman of the Senate Transportation Committee, and Delegate Ronald A. Villanueva, Chairman of the House Transportation Committee to study the standards for vision tests used in screening applicants for driver's licenses to determine any changes necessary to help drivers stay safe on the roads, prevent traffic crashes, and protect the safety of drivers, passengers, and pedestrians. This study was conducted and included many representatives of organizations of eye care professionals. The full report generated from this study can be found on DMV's website at <https://www.dmv.virginia.gov/general/studies.html>.

The study did not identify an immediate need to further adjust Virginia's minimum vision standards but did identify the need for DMV to continue to gather additional data for future evaluation. However, through discussion with eye care professionals serving on the stakeholder team, it became clear that certain enhancements to DMV's [Customer Vision Report \(MED 4\)](#) would improve the accuracy of the information provided which would also help DMV to more effectively assess drivers. DMV is grateful to representatives of the DMV Medical Advisory Board, the Virginia Optometric Society, and the Virginia Society of Eye Care Professionals and Surgeons who donated their time and valuable input to this effort. The revised form with a 2/10/2018 revision date has been published on DMV's website. Additionally, attached to this email you will find an electronic copy of the revised form with information detailing the changes made.

Please note the following points to remember:

- Acuity should be reported at the lowest level at which the patient can see 100% of the figures.
- A Graphic visual field analysis is required for drivers with high risk conditions (these are noted on the form). Acceptable tests are noted.
- The Virginia DMV measures the visual field to the widest point where there is vision both above and below the horizontal and then subtracts any scotomas that fall on the horizontal axis to determine overall visual field.
- Superior and inferior defects are considered if they fall into the area 15 degrees above or below the horizontal.
- Because of overlapping fields of vision, hemianopic defects must meet the minimum standard for monocular vision (40 degrees to the unaffected side, 30 degrees to the affected side).

We hope you find this information helpful. If you have questions or would like further clarification on any the information provided, please feel free to contact Rebecca Parsio, DMV's Healthcare Compliance Officer. She can be reached by email at Rebecca.Parsio@dmv.virginia.gov or by telephone at (804) 367-4380.

Sincerely,

A handwritten signature in black ink, appearing to read "Sharon K. Brown". The signature is fluid and cursive, with the first name "Sharon" and last name "Brown" clearly distinguishable.

Sharon Brown

Director, Driver Services

CUSTOMER VISION REPORT

Purpose: Use this form to request vision examination information from your ophthalmologist or optometrist.

Instructions: Complete the Customer Information section and have your Ophthalmologist/Optomtrist complete the Vision Examination section. The vision examination must be conducted within 90 days prior to submission of the report to DMV. Mail the completed report to the address above. Questions can be referred to Medical Review Services, 804-367-6203.

Acceptable standards of vision for safe driving are determined by the Code of Virginia and DMV under the guidance of the Medical Advisory Board.

Note: Any charges incurred for the completion of this form are your responsibility.

Additional information added in "Instructions"

CSC STAFF Do NOT send MED 4 back with daily work unless there is an ocular condition or customer cannot be licensed due to a MED 6 calculation.

CUSTOMER INFORMATION (To be completed by customer PRIOR to vision examination)

If you change either your residence/home address or mailing address to a non-Virginia address, your driver license or photo identification (ID) card may be cancelled.

NAME (last)	(first)	(mi)	(suffix)	CUSTOMER NUMBER (from your driver license) or SSN	
RESIDENCE/HOME ADDRESS					BIRTHDATE (mm/dd/yyyy)
CITY			STATE	ZIP CODE	CITY OR COUNTY OF RESIDENCE
MAILING ADDRESS (if different from above)					
CITY			STATE	ZIP CODE	DAYTIME TELEPHONE NUMBER

VISION EXAMINATION (to be completed by Ophthalmologist/Optomtrist)

FIRST EXAMINATION DATE	MOST RECENT EXAMINATION DATE
Does the patient have any visual /ocular condition(s) that could affect the ability to drive a motor vehicle? <input type="checkbox"/> YES <input type="checkbox"/> NO If YES, indicate condition below. The ocular condition question has been modified to include the word "visual".	
Does the patient have any condition that would affect the peripheral visual field? <input type="checkbox"/> YES <input type="checkbox"/> NO If YES, please provide a graphic visual field analysis to 120 degrees total in each eye. Preferably a HVF 30-2 AND 60-4 or other threshold perimetry test (see Note C on page 2 for the list of conditions requiring a Visual Field).	
PLEASE LIST ALL VISUAL /OCULAR CONDITION(S)	
PROVIDER COMMENTS An additional free form area has been added for general comments from the provider.	

DMV is trying to get consistent measurement information from all providers, this newly organized section should assist.

VISUAL MEASUREMENTS

Check applicable: Vision in both eyes Vision Limited to RIGHT EYE (OD) ONLY Vision Limited to LEFT EYE (OS) ONLY

VISUAL ACUITY (See Note "A" on page 2)			HORIZONTAL VISUAL FIELD (fields must be in degrees)			
Uncorrected Visual Acuity	RIGHT EYE (OD)	LEFT EYE (OS)	DMV Visual Field information: See Note C on page 2. "METHOD" has been added to "Horizontal Visual Field" section.			
			METHOD: (check one) <input type="checkbox"/> CONFRONTATION <input type="checkbox"/> AUTOMATED			
Best Corrected Visual Acuity	RIGHT EYE (OD)	LEFT EYE (OS)	TEMPORAL - OD	NASAL - OD	TEMPORAL - OS	NASAL - OS
			0-100 (degrees)	0-60 (degrees)	0-100 (degrees)	0-60 (degrees)

"Visual Acuity" measurements are assumed to start with "20". "Temporal" measurements should be in degrees, 0-100. "Nasal" measurements should be in degrees, 0-60.

OPHTHALMOLOGIST/OPTOMETRIST CERTIFICATION

PROVIDER: Please FAX abnormal results to Medical Review Services, 804-367-0520 or 804-367-1604. **FAX provided for abnormal results**

MEDICAL PROVIDER NAME (print)	CHECK BOX THAT APPLIES: <input type="checkbox"/> OPHTHALMOLOGIST <input type="checkbox"/> OPTOMETRIST		
MEDICAL LICENSE NUMBER	EXPIRATION DATE (mm/dd/yyyy)	STATE ISSUING LICENSE TO PRACTICE	
BUSINESS ADDRESS			TELEPHONE NUMBER
CITY	STATE	ZIP CODE	FAX NUMBER
MEDICAL PROVIDER SIGNATURE			DATE (mm/dd/yyyy)

NOTES

A Acuity: Visual Acuity should be recorded at the lowest line where an individual scores 100% correct. Whole numbers only. Visual requirements must be met without the aid of a telescopic lens. Some drivers may be granted waivers from these vision requirements.

Acuity note has been expanded for clarity.

B. CDL Waiver: Holders of or applicants for a Commercial Driver's License (CDL) or Commercial Learner's Permit (CLP), who are unable to meet Virginia minimum vision requirements may apply to DMV's Medical Review Services for a disability waiver to qualify for an intrastate only CDL or CLP, provided they meet the Federal Motor Carrier Safety Administration Regulations' minimum vision requirements. Color perception is required. Please have your eye care practitioner submit a graphic visual field analysis to 120 degrees in each eye.

C. Visual Field (VF): Individuals who have a high-risk condition that can reduce the usable field of vision should have a baseline Visual Field Analysis (VFA) performed. Conditions that are progressive, such as retinitis pigmentosa and glaucoma, will be reviewed by DMV annually. Repeat VF testing will be requested when changes are reported in the visual field or at a minimum of every 3 years.

High Risk Ophthalmic Conditions Requiring a Visual Field Analysis:

- Hemianopia (complete) and Quadrantanopia (complete). Partial hemianopic and quadrantanopic defects may be considered safe for driving if the individual demonstrates an adequate field of vision in the unaffected side and the affected side retains or regains 30 degrees temporally with 15 degrees above and below the horizontal line for the full 30 degrees.
- Bitemporal hemianopia may drive if combined nasal measurement meets the Virginia standard for horizontal vision of 40 degrees to one side and 30 degrees to the other side for a minimum of 70 degrees total as demonstrated by VFA.
- Other visual field loss from strokes, tumors or compressive disorders
- Glaucoma - Moderate to Severe stage
- Ischemic, traumatic, compressive, toxic, hereditary (Lebers) or malnutrition related optic neuropathy
- Optic neuritis
- Optic nerve head edema - papilledema
- Optic atrophy
- Proliferative diabetic retinopathy status post pan retinal photocoagulation
- Retinitis pigmentosa
- Retinal ischemia due to artery or vein occlusions and uveitis etiologies
- Retinal detachment
- Retinal laser procedures
- History of retinopathy of prematurity or radiation retinopathy

Measuring Visual Fields for DMV Vision Reports:

- To determine visual field loss, DMV requires the results of a visual field test that measures the central 24 to 30 degrees of the visual field; that is, the area measuring 24 to 30 degrees from the point of fixation. Acceptable tests include the Humphrey Field Analyzer (HFA) 30-2, HFA 24-2, Octopus 32 or equivalent threshold perimetry test. In addition, testing needs to be completed to 120 degrees (60 degrees from the point of fixation) i.e. HVF 60-4 or equivalent.
- Screening tests: DMV will not accept the results of visual field screening tests, such as confrontation tests, tangent screen tests, or automated static screening tests, to determine if the visual field meets DMV requirements when an individual has a condition that places them at high risk for visual field loss.
- Use of corrective lenses: Eyeglasses should not be worn during visual field testing because they limit the field of vision. Individuals may wear contact lenses to correct visual acuity during the visual field test to obtain the most accurate visual field measurements.
- Scotoma: A scotoma is a field defect or non-seeing area (also referred to as a "blind spot") in the visual field surrounded by a normal field or seeing area. When measuring the visual field, subtract the length of any scotoma, other than the normal blind spot, from the overall length of any diameter on which it falls.

If you have questions or need more information to complete this form, call Medical Review Services (804) 367-6203.

VISION STANDARDS

DRIVER'S LICENSE:

- ▶ 20/40 or better vision in one or both eyes, *and*
- ▶ 110 degrees, or better, horizontal vision in one or both eyes.

RESTRICTED TO DAYLIGHT HOURS ONLY:

- ▶ 20/70 or better vision in one or both eyes, *and*
 - ▶ 70 degrees, or better, horizontal vision.
- If vision is limited to only one eye, 40 degrees or better temporal and 30 degrees or better nasal are required.

COMMERCIAL DRIVER'S LICENSE: (See Note "B" on page 2)

- ▶ 20/40 or better vision in each eye
- ▶ 140 degrees or better horizontal vision