

# NWCG Equipment Technology Committee

Equipment Bulletin: 24-002

July 15, 2024



**To:** Wildland Fire Community

**From:** Nate Hesse, Chair, NWCG Equipment Technology Chair (ETC)

**Subject:** NWCG Off-Highway Vehicle (OHV) Typing Standard – Request for Comment



**Action:** The NWCG Equipment Technology Committee (ETC) is requesting comment on a proposed new OHV Typing Standard. Comments can be submitted through the NWCG website. **The comment period will be open until August 15, 2024.**

**Issue:** An OHV has the following basic equipment characteristics: a motorized vehicle with tires, steering wheel, foot controls for throttle and breaking, and a non-straddle seat. OHVs include equipment commonly called Utility Task Vehicles (UTV), Multipurpose Off-Highway Utility Vehicles and Recreational Off-Highway Vehicles. There is a business need to establish a NWCG OHV Typing Standard so that varied equipment capabilities can more closely match operational need. Once finalized, this typing standard will be included *NWCG Standards for Wildland Fire Resource Typing*, PMS 200. Comments can be submitted for each individual typing standard criteria and may be identified as applicable to all four types or for only one or more. There is no limit to the number of submissions. Comments received will be utilized for the finalization of the NWCG OHV Typing Standard, however there will not be individual replies.

## To Submit a Comment:

[NWCG Off-Highway Vehicle \(OHV\) Typing Standard – Proposed \(5/24/2024\) | NWCG](#)

## Background: NWCG OHV Typing Standard – Proposed

	Type 1	Type 2	Type 3	Type 4
Mandatory Standard Compliance <sup>1</sup>	ANSI/OPEI B71.9-2022 or ANSI/ROHVA 1-2023	ANSI/OPEI B71.9-2022 or ANSI/ROHVA 1-2023	ANSI/OPEI B71.9-2022 or ANSI/ROHVA 1-2023	ANSI/OPEI B71.9-2022 or ANSI/ROHVA 1-2023
Minimum Number of Seats in Each Row	2	2	2	2
Number of Rows of Seating	2	2	1	1

NWCG standards are interagency by design; however, the decision to adopt and utilize them is made independently by the individual member agencies and communicated through their respective directives systems.

	Type 1	Type 2	Type 3	Type 4
Minimum Vehicle Payload Capacity <sup>2</sup>	1,000 lbs.	550 lbs.	1,000 lbs.	550 lbs.
Rear Box Load Capacity <sup>3</sup>	500 lbs. or greater	150 to 499 lbs.	500 lbs. or greater	150 to 499 lbs.
Four Wheel or All-Wheel Drive	Yes	Yes	Yes	Yes
Taillamp(s) <sup>4</sup> and Stop Lamp(s) <sup>5</sup>	Yes	Yes	Yes	Yes
Occupant Side Retention Devices <sup>6</sup>	Yes	Yes	Yes	Yes
Personnel Protective Barrier <sup>7</sup>	Yes	Yes	Yes	Yes
Minimum Fire Extinguisher <sup>8</sup>	1A:10B:C	1A:10B:C	1A:10B:C	1A:10B:C

<sup>1</sup> The OHV shall conform to either the ANSI/OPEI or ANSI/ROHVA standard in effect at the time of manufacture and shall not have any modifications that cause non-compliance.

<sup>2</sup> Payload capacity is the total amount of weight that can be loaded on the OHV. Payload includes personnel weight, fixed equipment, and cargo. Personnel weight shall be calculated at 200 lbs. for every seatbelt position, even if unoccupied.

<sup>3</sup> Rear box load rating and payload capacity shall not be exceeded.

<sup>4</sup> The OHV shall have a minimum of one (1) red tail lamp that illuminates when the headlamps are on.

<sup>5</sup> The OHV shall have a minimum of one (1) red stop lamp or combination taillamp/stop lamp that activates when braking occurs.

<sup>6</sup> The OHV shall have Original Equipment Manufacturer (OEM) provided single hand operation doors or nets to prevent occupant body parts from injury in the event of an accident.

<sup>7</sup> The OHV shall have a personnel protective barrier between the vehicle occupant seating area and cargo bed.

<sup>8</sup> The OHV shall have an accessory fire extinguisher that is mounted to be easily accessible. The fire extinguish shall not be mounted by drilling or welding to the rollover protective structure (ROPS). If mounted to the ROPS using clamps or bands, it shall be mounted exterior of the occupant seating area.

#### **Additional Information:**

Thank you for taking the time to participate in this Request for Comment as your valuable feedback helps improve this Equipment Typing Standard.

**Contact:** Bill Yohn, Chair, Mobile Equipment Subcommittee, [Bill\\_Yohn@nps.gov](mailto:Bill_Yohn@nps.gov)