CERTIFICATE OF ACCREDITATION

The ANSI National Accreditation Board

Hereby attests that

NVIDIA Corporation
2788 San Tomas Expressway
Santa Clara, CA 95051

Fulfills the requirements of

ISO/IEC 17020:2012

In the field of

INSPECTION

This certificate is valid only when accompanied by a current scope of accreditation document.
The current scope of accreditation can be verified at www.anab.org.

Jason Stine, Vice President

Expiry Date: 02 January 2027

Certificate Number: AI-3345

An inspection body's fulfilment of the requirements of ISO/IEC 17020:2012 means the inspection body meets both the technical competence requirements and management system requirements that are necessary for it to consistently deliver technically valid inspection results (refer to joint ISO-ILAC-IAF Communiqué dated Sept 2013).

SCOPE OF ACCREDITATION TO ISO/IEC 17020:2012

NVIDIA Corporation

2788 San Tomas Expressway
Santa Clara, CA 95051

Riccardo Mariani
rmariani@nvidia.com

INSPECTION
TYPE C (SECOND PARTY) BODY

ISO/IEC 17020 Accreditation Granted: **02 January 2025**

Certificate Number: **AI-3345** Certificate Expiry Date: **02 January 2027**

Information Technology

Field of Inspection	Type and Range of Inspection	Methods and Procedures
Functional Safety of electrical and/or electronic (E/E) systems or system elements: hardware	Conformity of the inspected items with NVIDIA DRIVE Functional Safety requirements	Verification of conformity of inspected items by review of documentation for the following set of NVIDIA DRIVE Functional Safety requirements: • NVIDIA DRIVE SoC Safety Manual (or Product Preview) • DRIVE Platform SEooC System Integrator Safety Requirements based on the following Functional Safety standards: • ISO 26262-[2, 4, 5, 7, 8, 9]:2018 (normative) • ISO 26262-[10, 11]:2018 (informative)

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Information Technology

Field of Inspection	Type and Range of Inspection	Methods and Procedures
Functional Safety of electrical and/or electronic (E/E) systems or system elements: software	Conformity of the inspected items with NVIDIA DRIVE Functional Safety requirements	Verification of conformity of inspected items by review of documentation for the following set of NVIDIA DRIVE Functional Safety requirements: • NVIDIA DRIVE OS Safety Manual and related addendums • NVIDIA DRIVE OS CUDA Math Library Safety Manual • NVIDIA DLI Safety Manual • Addendum to NDAS Safety Manual • NVIDIA DRIVE OEM/Supplier Technical Safety Requirements (TSR) based on the following Functional Safety standards: • ISO 26262-[2, 6, 8, 9]:2018 (normative) • ISO 26262-10:2018 (informative).
Safety Of The Intended Functionality (SOTIF) of electrical and/or electronic (E/E) systems or system elements: hardware and software	Conformity of the inspected items with NVIDIA DRIVE SOTIF requirements	Verification of conformity of inspected items by review of documentation for the following set of NVIDIA DRIVE SOTIF requirements: • NVIDIA DRIVE OEM/Supplier Technical Safety Requirements (TSR) based on the following SOTIF standards: • ISO 21448:2022
Cybersecurity of electrical and/or electronic (E/E) systems or system elements: hardware	Conformity of the inspected items with NVIDIA DRIVE Cybersecurity requirements	Verification of conformity of inspected items by review of documentation for the following set of NVIDIA DRIVE Cybersecurity requirements: • NVIDIA DRIVE SoC: Security Guidelines • NVIDIA DRIVE Sensors specific Protection Profiles (PP) based on the following Cybersecurity Standards: • ISO/SAE 21434:2021

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Information Technology

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Cybersecurity of electrical and/or electronic (E/E) systems or system elements: software	Conformity of the inspected items with NVIDIA DRIVE cybersecurity requirements	Verification of conformity of inspected items by review of documentation for the following set of NVIDIA DRIVE Cybersecurity requirements: • NVIDIA DRIVE OS QNX Cybersecurity Manual • NVIDIA NDAS Cybersecurity Manual • NVIDIA DRIVE Sensor specifics Protection Profiles (PP) based on the following Cybersecurity Standards: • ISO/SAE 21434:2021
Requirements for use of Artificial Intelligence (AI) in safety-related functions	Conformity of the inspected items with AI safety requirements	Verification of conformity of inspected items by review of documentation based on the following AI Safety Standards: • ISO/PAS 8800:2024 (normative) • ISO/IEC TR 5469:2024 (informative)
Safety and Cybersecurity regulatory requirements for complex electronic systems or system elements	Conformity of the inspected items with Safety and Cybersecurity regulatory requirements	Verification of conformity of inspected items by review of documentation based on the following Safety and Cybersecurity regulatory requirements: • UN-R 79 (Annex 6) • UN-R 13-H (Annex 8) • UN-R 152 (Annex 3) • UN-R 155 (Annex 5) • UN-R 157 (Annex 4) • UN-R 171 (Annex 3)

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Information Technology

Field of Inspection	Type and Range of Inspection	Methods and Procedures
Functional safety of electrical/electronic/programmable electronic safety-related systems	Conformity of the inspected items with NVIDIA IGX Functional Safety requirements	Verification of conformity of inspected items by review of documentation for the following set of NVIDIA IGX Functional Safety requirements: • NVIDIA IGX in Safety-Related Systems Application Note based on the following Functional Safety standards: • IEC 61508-[1, 2, 3, 4, 5, 6, 7]:2010
Safety of machinery - Safety-related parts of control systems	Conformity of the inspected items with NVIDIA IGX Functional Safety requirements	Verification of conformity of inspected items by review of documentation for the following set of NVIDIA IGX Functional Safety requirements: • NVIDIA IGX in Safety-Related Systems Application Note based on the following Functional Safety standards: • ISO 13849-1:2023 • ISO 13849-2:2012
Tractors and machinery for agriculture and forestry: Safety-related parts of control systems	Conformity of the inspected items with NVIDIA IGX Functional Safety requirements	Verification of conformity of inspected items by review of documentation for the following set of NVIDIA IGX Functional Safety requirements: • NVIDIA IGX in Safety-Related Systems Application Note based on the following Functional Safety standards: • ISO 25119-1:2018 • ISO 25119-1:2018/Amd 1:2020 • ISO 25119-2:2019 • ISO 25119-3:2018 • ISO 25119-3:2018/Amd 1:2020 • ISO 25119-4:2018 • ISO 25119-4:2018/Amd 1:2020

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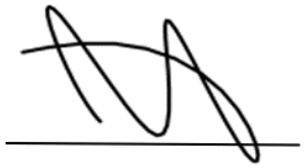
Information Technology

Field of Inspection	Type and Range of Inspection	Methods and Procedures
Agricultural machinery and tractors — Safety of partially automated, semi-autonomous and autonomous machinery	Conformity of the inspected items with NVIDIA IGX Functional Safety requirements	Verification of conformity of inspected items by review of documentation for the following set of NVIDIA IGX Functional Safety requirements: • NVIDIA IGX in Safety-Related Systems Application Note based on the following Functional Safety standards: • ISO 18497-1:2024 • ISO 18497-2:2024 • ISO 18497-3:2024 • ISO 18497-4:2024



Jason Stine, Vice President

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