

EU DECLARATION OF CONFORMITY

Application of Council Directive(s):	2014/30/EU – The EMC Directive
Manufacturer’s Name:	Axiomatic Technologies Corporation 1445 Courtneypark Drive E., Mississauga, ON, Canada L5T 2E3
Equipment Type/Environment:	Automotive Ethernet to Ethernet Converter
Trade Names/Model Nos:	AX141550
Testing Facility:	Ultra Tech 3000 Bristol Circle Oakville, Ontario, Canada L6H 6G4
File No.:	23ATC085_ISO-13766-1
Records Maintained by:	Axiomatic Technologies Corporation 1445 Courtneypark Drive E., Mississauga, ON, Canada, L5T 2E3 TEL: (+1) 905 602 9270 Unique ID No.- 43A

Standard(s) to which Conformity is Declared:

Emissions:

- ISO 13766-1:2018 Earth-moving and Building Construction Machinery – EMC Compatibility of Machines with Internal Electrical Power Supply
- Section 4.5.2 & 4.6.2 (Broadband & Narrowband electromagnetic emissions radiated)
- Section 4.9.3 Conducted Transients – Conducted Emissions

Immunity:

- ISO 13766-1:2018 Earth-moving and Building Construction Machinery – EMC Compatibility of Machines with Internal Electrical Power Supply
- 4.7.2 Immunity of ESAs to Electromagnetic Radiation
- ISO 11452-2: 2015 Road Vehicles – Component test methods for electrical disturbances from narrowband radiated electromagnetic energy – Part 2: Absorber-lined shielded enclosure (24V/m, radiated)
- ISO 11452-4: 2013 Road Vehicles – Component test methods for electrical disturbances from narrowband radiated electromagnetic energy – Part 4: Bulk Current Injection (48 mA)
- 4.9.4 Conducted Transients
- ISO 7637-2: 2011 – Conducted Transients (Test Level III with waveforms 1, 2a, 2b, 3a, 3b, 4 and 5a)
- 4.8.2 ESD
- ISO 10605: 2008 Road Vehicles – Test Methods for electrical disturbances from electrostatic discharge +/-4 kV contact and air discharge (Functional Status A)
+/- 6 kV Contact and +/- 8 kV air discharge (Functional Status C)

I, the undersigned, hereby declare that the equipment specified above conforms to the above Directive and Standards.

Manufacturer

Amanda Wilkins
Sales & Marketing Manager, Axiomatic Technologies Corporation
Mississauga, Ontario, Canada

Date: 2023-11-13