

EC Declaration of Conformity

Manufacturer: Vision Remote AS
Address: Wessels veg 95
 7502 StjØrdal
 Norway

Type of equipment: Industrial radio remote control system
Type designation: VM-110

We declare under our sole responsibility compliance to the following EU directives:

Radio Equipment Directive 2014/53/EU (RED)
Machinery Directive 2006/42/EC (MD)*

The following harmonised standards have been applied:

Standard	Title/description	Comments	Regarding
EN 300 220-2 2012	Short Range Devices (SRD) operating in the frequency range 25 MHz to 1000 MHz	Relevant for 434 and 869 MHz radio	RED
EN 300 328 2016	Wideband transmission systems; 2,4 GHz ISM band	Relevant for 2,4 GHz radio	
EN 301 893 2015	5 GHz RLAN	Relevant for 5,8 GHz radio	
EN 301 489-3 2017	Electromagnetic compatibility (EMC) standard for radio equipment and services 9KHz to 40GHz		MD
EN 61000-6-2 2005	Electromagnetic compatibility (EMC) -- Part 6-2: Generic standards - Immunity for industrial environments		
ISO 13849-1** 2015	Safety of machinery - Safety-related parts of control systems - General principles for design	Stop function Category 3 PLd	
IEC 62745 2017	Safety of Machinery - Requirements for Cableless Control Systems of Machinery	General System Stop (GSS)	

Other relevant standards that have been applied:

Standard	Title	Comments	Regarding
DNVGL-CG-0339 2016	Environmental test specification for electrical, electronic and programmable equipment and systems		Maritime requirements
DNVGL-OS-D202	Automation, safety and telecommunication systems		Offshore requirements

* VM-110 is not a machine, but it is often used as part of the control system on a machine and consequently have to follow the provisions of the Machinery Directive.

**Given that the requirements in user manual PD-0001 are fulfilled by customer:

StjØrdal 2018-06-04 Torodd Olav Beitland
 Place and date Quality Manager