

Issued by Notified Body No. 0402 according 2006/42/EG, the Machinery Directive, annex IX, regarding:

Remote Control PANTHER PN-R15 and PN-T19

Issued to

Tele-Radio AB

Datavägen 21, SE-436 32 Askim, Sweden

Reg.number: 556344-0196

Product description and product name

PANTHER Remote Control

including receiver types PN-R15-1, PN-R15-2, PN-R15-13, PN-R15-14
and transmitter type PN-T19-2.

The PN-R15 radio receiver and PN-T19 radio transmitter are intended as parts of a wireless control system for industrial applications such as cranes. They are intended for implementing a safety related stop-function, but also non-safety related control functions.

Technical documentation

The manufacturer's technical documentation, latest dated 2nd June 2020.

Certificate

RISE Research Institutes of Sweden AB, Notified Body No. 0402, hereby certifies that the manufacturer's technical file and the product have been inspected in accordance with the procedure described in Directive 2006/42/EG, the Machinery Directive, annex IX and found to fulfil the requirements, in respect of products listed in annex 4, paragraph 21 (Logic units to ensure safety functions). The certification is verified by a type test in accordance with EN 13849-1. There is one safety function:

Safety function	Category	MTTF _D [years]	DCavg	PL
Safety-related stop function (EN-ISO 13849-1, 5.2.1) with a maximum response time of 500 ms.	3	100 years	95 % (high)	PL _{max} = d

The Council Directive 2006/42/EC is implemented in Swedish Law by the national regulation AFS 2008:3. RISE Certification Rule SPCR 305 has been applied.

Miscellaneous

The manufacturer's information, in English, on installation and safety, has been inspected and found to fulfil the relevant requirements of the Directive. This information must be available in the language used where the product is to be sold.

Validity

This certificate was first issued on 2015-03-16 and remains valid as long as the conditions laid down in the specification(s) in reference are not modified significantly or at the latest until 2025-03-16.

Martin Tillander

Certificate SC0132-15 | issue 4 | 2020-06-21

RISE Research Institutes of Sweden AB | Certification

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