



The manufacturer
may use the mark:



Revision 2.3 April 10, 2024
Surveillance Audit Due
November 1, 2025



Certificate / Certificat Zertifikat / 合格証

VEC 1811045 C001

exida hereby confirms that the:

PC-lint Plus C/C++ Static Analysis Tool Version 2.1

**Vector Informatik, GmbH
Stuttgart, Germany**

Has been assessed per the relevant requirement of:
IEC 61508:2010

and meets requirements providing a level of integrity to:
PC-lint Plus - SIL 4 Qualified

Tool Functions:

The PC-lint Plus Static Analysis Tool is used to detect and report various conditions and errata in C and C++ source code including program defects and deviations from established practices and coding guidelines.

Application Restrictions:

The tool must be used under the same constraints, operating conditions and environments used in the validation of the tool. These are documented in the referenced Assessment Report and in the product user manual.



Evaluating Assessor

Certifying Assessor

VEC 1811045 C001

SIL 4 Tool Qualification:

The PC-lint Plus C/C++ static analysis tool has met the relevant requirements for support tools of Safety Integrity Level (SIL) 4 of IEC 61508-3 (section 7.4.4). These are intended to achieve sufficient integrity against systematic errors of design by the manufacturer.

PC-lint Plus C/C++
Static Analysis Tool
Version 2.1



80 N Main St
Sellersville, PA 18960

T-124, V1R0

The following documents are a mandatory part of certification:

Assessment Report:

VEC 18-11-045 R001 V2R3 Tool Qual – PC-lint Plus

User Manual:

PC-lint Plus Manual, Rev. 2.0 and later
pclp-sca.pdf, Rev. 2.0 and later