



The manufacturer
may use the mark:



Revision 1.2 May 10, 2023
Surveillance Audit Due
July 1, 2023



ISO/IEC 17065
PRODUCT CERTIFICATION BODY
#1004

Certificate / Certificat Zertifikat / 合格証

GRA 1805132 C002

exida hereby confirms that the:

CodeSonar Static Analysis Tool

GrammaTech, Inc.
Ithaca, NY - USA

Has been assessed per the relevant requirement of:
EN 50128:2011, Clause 6.7

and meets requirements providing a level of integrity to:
T2 / SIL 4 Qualified

Tool Functions:

The CodeSonar Static Analysis Tool is used to detect and report various conditions and errata in C/C++ source code including program defects and deviations from established practices and coding guidelines. The tool has been qualified based on a tool criticality of T2 for SIL 4, given the application restrictions below.

Application Restrictions:

The tool must be used per the constraints, operating conditions, environments and assumptions of use specified in the product user manual and safety manual.



Evaluating Assessor

Certifying Assessor

GRA 1805132 C002

SIL 4 Tool Qualification:

The CodeSonar static analysis tool has met the relevant requirements for support tools of Safety Integrity Level (SIL) 4 of EN 50128 (section 6.7). These are intended to achieve sufficient integrity against systematic errors of design by the manufacturer.

CodeSonar Static
Analysis Tool



80 N Main St
Sellersville, PA 18960

The following documents are a mandatory part of certification:
Assessment Report:

GRA 18-05-132 R001 V1R1 Tool Qualification

GammaTech CodeSonar Documentation:

Tool Safety Manual for GammaTech CodeSonar
CodeSonar User manual for 5.2P0 and later