HelixQAC

PERFORCE

DATASHEET

# CWE Mapping - QAC

| CWE ID | CWE Text | QAC Rule Group ID | QAC Rule Text |
|---|---|---|---|
| CWE-014 | Compiler Removal of Code to Clear Buffers | 3.11 | Redundancy |
| CWE-014 | Compiler Removal of Code to Clear Buffers | 5.10 | Redundancy |
| CWE-020 | Improper Input Validation | 5.5 | Overflow and wraparound |
| CWE-120 | Buffer Copy without Checking Size of Input ('Classic Buffer Overflow') | 5.6 | Arrays |
| CWE-121 | Stack-based Buffer Overflow | 5.6 | Arrays |
| CWE-122 | Heap-based Buffer Overflow | 5.6 | Arrays |
| CWE-124 | Buffer Underwrite | 5.6 | Arrays |
| CWE-125 | Out-of-bounds Read | 5.6 | Arrays |
| CWE-126 | Buffer Over-read | 5.6 | Arrays |
| CWE-127 | Buffer Under-read | 5.6 | Arrays |
| CWE-128 | Wrap-around Error | 5.5 | Overflow and wraparound |
| CWE-129 | Improper Validation of Array Index | 5.6 | Arrays |
| CWE-129 | Improper Validation of Array Index | 5.5 | Overflow and wraparound |
| CWE-131 | Incorrect Calculation of Buffer Size | 5.6 | Arrays |
| CWE-134 | Uncontrolled Format String | 7.2 | Explicitly undefined |
| CWE-136 | Type Errors | 5.2 | Conversion to unsigned |
| CWE-136 | Type Errors | 2.3 | Arithmetic type - Balancing |
| CWE-136 | Type Errors | 3.1 | Arithmetic type - Assignment |
| CWE-136 | Type Errors | 3.4 | Arithmetic type - Operands |
| CWE-136 | Type Errors | 2.7 | Arithmetic type - Operands |
| CWE-136 | Type Errors | 3.2 | Arithmetic type - Balancing |
| CWE-136 | Type Errors | 2.5 | Arithmetic type - Composite expressions |
| CWE-136 | Type Errors | 3.12 | Switch statements |
| CWE-136 | Type Errors | 2.2 | Arithmetic type - Assignment |
| CWE-136 | Type Errors | 2.4 | Arithmetic type - Casts |

| CWE ID | CWE Text | QAC Rule Group ID | QAC Rule Text |
|---|---|---|---|
| CWE-136 | Type Errors | 5.1 | Conversion to signed |
| CWE-176 | Improper Handling of Unicode Encoding | 2.13 | Constants |
| CWE-176 | Improper Handling of Unicode Encoding | 2.20 | K+R compatibility |
| CWE-188 | Reliance on Data/Memory Layout | 7.2 | Explicitly undefined |
| CWE-188 | Reliance on Data/Memory Layout | 1.7 | Dataflow - NULL pointers |
| CWE-188 | Reliance on Data/Memory Layout | 8.1 | Constraint violations |
| CWE-188 | Reliance on Data/Memory Layout | 2.23 | Pointers |
| CWE-188 | Reliance on Data/Memory Layout | 1.5 | Dataflow - Arrays |
| CWE-190 | Integer Overflow or Wraparound | 5.5 | Overflow and wraparound |
| CWE-190 | Integer Overflow or Wraparound | 3.9 | Pointers |
| CWE-191 | Integer Underflow (Wrap or Wraparound) | 5.5 | Overflow and wraparound |
| CWE-192 | Integer Coercion Error | 5.1 | Conversion to signed |
| CWE-192 | Integer Coercion Error | 2.3 | Arithmetic type - Balancing |
| CWE-192 | Integer Coercion Error | 3.1 | Arithmetic type - Assignment |
| CWE-192 | Integer Coercion Error | 3.2 | Arithmetic type - Balancing |
| CWE-192 | Integer Coercion Error | 2.2 | Arithmetic type - Assignment |
| CWE-192 | Integer Coercion Error | 5.2 | Conversion to unsigned |
| CWE-192 | Integer Coercion Error | 2.6 | Arithmetic type - Integral promotion |
| CWE-194 | Unexpected Sign Extension | 1.11 | Arithmetic type - Implicit conversions |
| CWE-195 | Signed to Unsigned Conversion Error | 3.2 | Arithmetic type - Balancing |
| CWE-195 | Signed to Unsigned Conversion Error | 2.3 | Arithmetic type - Balancing |
| CWE-196 | Unsigned to Signed Conversion Error | 1.11 | Arithmetic type - Implicit conversions |
| CWE-197 | Numeric Truncation Error | 2.2 | Arithmetic type - Assignment |
| CWE-197 | Numeric Truncation Error | 5.2 | Conversion to unsigned |
| CWE-197 | Numeric Truncation Error | 2.4 | Arithmetic type - Casts |
| CWE-197 | Numeric Truncation Error | 5.4 | Shift operations |
| CWE-233 | Failure to Handle Missing Parameter | 8.1 | Constraint violations |
| CWE-234 | Failure to Handle Extra Parameter | 8.1 | Constraint violations |
| CWE-252 | Unchecked Return Value | 2.18 | Functions |
| CWE-369 | Divide By Zero | 5.5 | Overflow and wraparound |
| CWE-389 | Error Conditions, Return Values, Status Codes | 2.18 | Functions |
| CWE-391 | Unchecked Error Condition | 2.18 | Functions |

| CWE ID | CWE Text | QAC Rule Group ID | QAC Rule Text |
|---|---|---|---|
| CWE-398 | Indicator of Poor Code Quality | 3.11 | Redundancy |
| CWE-398 | Indicator of Poor Code Quality | 2.9 | Bracing and Indentation |
| CWE-398 | Indicator of Poor Code Quality | 2.19 | Identifiers |
| CWE-398 | Indicator of Poor Code Quality | 2.27 | Side Effects |
| CWE-398 | Indicator of Poor Code Quality | 5.10 | Redundancy |
| CWE-398 | Indicator of Poor Code Quality | 2.17 | Enumerations |
| CWE-398 | Indicator of Poor Code Quality | 2.25 | Readability |
| CWE-398 | Indicator of Poor Code Quality | 2.13 | Constants |
| CWE-398 | Indicator of Poor Code Quality | 2.25 | Readability |
| CWE-398 | Indicator of Poor Code Quality | 7.3 | Implicitly undefined |
| CWE-398 | Indicator of Poor Code Quality | 2.23 | Pointers |
| CWE-398 | Indicator of Poor Code Quality | 2.27 | Side Effects |
| CWE-398 | Indicator of Poor Code Quality | 2.21 | Macro Definition |
| CWE-398 | Indicator of Poor Code Quality | 2.16 | Declarations and Definitions |
| CWE-398 | Indicator of Poor Code Quality | 2.24 | Preprocessing |
| CWE-398 | Indicator of Poor Code Quality | 2.14 | Control flow |
| CWE-398 | Indicator of Poor Code Quality | 2.18 | Functions |
| CWE-452 | Initialization and Cleanup Errors | 2.16 | Declarations and Definitions |
| CWE-452 | Initialization and Cleanup Errors | 8.1 | Constraint violations |
| CWE-452 | Initialization and Cleanup Errors | 3.7 | Declarations and definitions |
| CWE-452 | Initialization and Cleanup Errors | 2.20 | K+R compatibility |
| CWE-452 | Initialization and Cleanup Errors | 2.1 | Arrays, structures, unions and bit-fields |
| CWE-452 | Initialization and Cleanup Errors | 5.9 | Unset data |
| CWE-452 | Initialization and Cleanup Errors | 2.17 | Enumerations |
| CWE-452 | Initialization and Cleanup Errors | 1.10 | Dataflow - Control flow |
| CWE-452 | Initialization and Cleanup Errors | 7.2 | Explicitly undefined |
| CWE-456 | Missing Initialization of a Variable | 5.8 | Unset data |
| CWE-457 | Use of Uninitialized Variable | 5.8 | Unset data |
| CWE-465 | Pointer Issues | 5.6 | Arrays |
| CWE-465 | Pointer Issues | 8.1 | Constraint violations |
| CWE-465 | Pointer Issues | 5.7 | Pointers |
| CWE-465 | Pointer Issues | 5.9 | NULL pointers |

| CWE ID | CWE Text | QAC Rule Group ID | QAC Rule Text |
|---|---|---|---|
| CWE-465 | Pointer Issues | 5.8 | Unset data |
| CWE-465 | Pointer Issues | 2.22 | Pointers |
| CWE-465 | Pointer Issues | 3.9 | Pointers |
| CWE-466 | Return of Pointer Value Outside of Expected Range | 5.6 | Arrays |
| CWE-467 | Use of sizeof() on a Pointer Type | 3.9 | Pointers |
| CWE-468 | Incorrect Pointer Scaling | 2.23 | Pointers |
| CWE-468 | Incorrect Pointer Scaling | 5.8 | NULL pointers |
| CWE-469 | Use of Pointer Subtraction to Determine Size | 5.7 | Pointers |
| CWE-469 | Use of Pointer Subtraction to Determine Size | 5.6 | Arrays |
| CWE-469 | Use of Pointer Subtraction to Determine Size | 8.1 | Constraint violations |
| CWE-474 | Use of Function with Inconsistent Implementations | 2.19 | Identifiers |
| CWE-476 | NULL Pointer Dereference | 5.8 | NULL pointers |
| CWE-478 | Missing Default Case in Switch Statement | 2.28 | Switch statements |
| CWE-480 | Use of Incorrect Operator | 2.15 | Control flow |
| CWE-480 | Use of Incorrect Operator | 3.11 | Redundancy |
| CWE-481 | Assigning instead of Comparing | 3.5 | Arithmetic type - Operations |
| CWE-481 | Assigning instead of Comparing | 2.15 | Control flow |
| CWE-482 | Comparing instead of Assigning | 3.11 | Redundancy |
| CWE-483 | Incorrect Block Delimitation | 2.9 | Bracing and Indentation |
| CWE-484 | Omitted Break Statement in Switch | 2.28 | Switch statements |
| CWE-547 | Use of Hard-coded Security-relevant Constants | 2.13 | Constants |
| CWE-559 | Often Misused: Arguments and Parameters | 7.2 | Explicitly undefined |
| CWE-559 | Often Misused: Arguments and Parameters | 3.8 | Functions |
| CWE-561 | Dead Code | 5.12 | Invariant operations |
| CWE-561 | Dead Code | 3.11 | Redundancy |
| CWE-561 | Dead Code | 5.10 | Redundancy |
| CWE-562 | Return of Stack Variable Address | 3.9 | Pointers |
| CWE-563 | Unused Variable | 5.10 | Redundancy |
| CWE-563 | Unused Variable | 3.11 | Redundancy |
| CWE-563 | Unused Variable | 2.26 | Redundancy |
| CWE-569 | Expression Issues | 3.5 | Arithmetic type - Operations |
| CWE-569 | Expression Issues | 7.3 | Implicitly undefined |

| CWE ID | CWE Text | QAC Rule Group ID | QAC Rule Text |
|---|---|---|---|
| CWE-569 | Expression Issues | 2.26 | Redundancy |
| CWE-569 | Expression Issues | 2.17 | Enumerations |
| CWE-569 | Expression Issues | 2.19 | Identifiers |
| CWE-569 | Expression Issues | 5.12 | Invariant operations |
| CWE-569 | Expression Issues | 2.15 | Control flow |
| CWE-569 | Expression Issues | 2.23 | Pointers |
| CWE-569 | Expression Issues | 1.15 | Miscellaneous |
| CWE-569 | Expression Issues | 3.11 | Redundancy |
| CWE-569 | Expression Issues | 2.27 | Side Effects |
| CWE-569 | Expression Issues | 0.6 | Sub-Messages |
| CWE-569 | Expression Issues | 2.18 | Functions |
| CWE-569 | Expression Issues | 2.24 | Preprocessing |
| CWE-569 | Expression Issues | 2.21 | Macro Definition |
| CWE-569 | Expression Issues | 5.10 | Redundancy |
| CWE-569 | Expression Issues | 2.9 | Bracing and Indentation |
| CWE-569 | Expression Issues | 8.1 | Constraint violations |
| CWE-569 | Expression Issues | 2.13 | Constants |
| CWE-569 | Expression Issues | 2.16 | Declarations and Definitions |
| CWE-569 | Expression Issues | 2.28 | Switch statements |
| CWE-569 | Expression Issues | 2.25 | Readability |
| CWE-570 | Expression is Always False | 5.12 | Invariant operations |
| CWE-571 | Expression is Always True | 5.1 | Invariant operations |
| CWE-587 | Assignment of a Fixed Address to a Pointer | 8.1 | Constraint violations |
| CWE-588 | Attempt to Access Child of a Non-structure Pointer | 2.23 | Pointers |
| CWE-596 | Incorrect Semantic Object Comparison | 8.1 | Constraint violations |
| CWE-597 | Use of Wrong Operator in String Comparison | 3.9 | Pointers |
| CWE-628 | Function Call with Incorrectly Specified Arguments | 7.2 | Explicitly undefined |
| CWE-628 | Function Call with Incorrectly Specified Arguments | 3.8 | Functions |
| CWE-633 | Weaknesses that Affect Memory | 5.12 | Invariant operations |
| CWE-633 | Weaknesses that Affect Memory | 7.2 | Explicitly undefined |
| CWE-633 | Weaknesses that Affect Memory | 5.10 | Redundancy |
| CWE-633 | Weaknesses that Affect Memory | 5.5 | Overflow and wraparound |

| CWE ID | CWE Text | QAC Rule Group ID | QAC Rule Text |
|---|---|---|---|
| CWE-633 | Weaknesses that Affect Memory | 5.6 | Arrays |
| CWE-633 | Weaknesses that Affect Memory | 3.11 | Redundancy |
| CWE-665 | Improper Initialization | 8.1 | Constraint violations |
| CWE-665 | Improper Initialization | 2.17 | Enumerations |
| CWE-665 | Improper Initialization | 7.2 | Explicitly undefined |
| CWE-665 | Improper Initialization | 1.10 | Dataflow - Control flow |
| CWE-665 | Improper Initialization | 3.7 | Declarations and definitions |
| CWE-665 | Improper Initialization | 2.20 | K+R compatibility |
| CWE-665 | Improper Initialization | 2.1 | Arrays, structures, unions and bit-fields |
| CWE-670 | Always-Incorrect Control Flow Implementation | 3.12 | Switch statements |
| CWE-670 | Always-Incorrect Control Flow Implementation | 5.13 | Control flow |
| CWE-680 | Integer Overflow to Buffer Overflow | 5.5 | Overflow and wraparound |
| CWE-681 | Incorrect Conversion between Numeric Types | 3.3 | Arithmetic type - Casts |
| CWE-681 | Incorrect Conversion between Numeric Types | 3.4 | Arithmetic type - Operands |
| CWE-681 | Incorrect Conversion between Numeric Types | 5.1 | Conversion to signed |
| CWE-681 | Incorrect Conversion between Numeric Types | 3.5 | Arithmetic type - Operations |
| CWE-681 | Incorrect Conversion between Numeric Types | 3.2 | Arithmetic type - Balancing |
| CWE-681 | Incorrect Conversion between Numeric Types | 3.4 | Arithmetic type - Operands |
| CWE-681 | Incorrect Conversion between Numeric Types | 3.5 | Arithmetic type - Operations |
| CWE-681 | Incorrect Conversion between Numeric Types | 3.1 | Arithmetic type - Assignment |
| CWE-681 | Incorrect Conversion between Numeric Types | 5.2 | Conversion to unsigned |
| CWE-682 | Incorrect Calculation | 5.4 | Shift operations |
| CWE-682 | Incorrect Calculation | 3.4 | Arithmetic type - Operands |
| CWE-682 | Incorrect Calculation | 7.2 | Explicitly undefined |
| CWE-682 | Incorrect Calculation | 3.2 | Arithmetic type - Balancing |
| CWE-682 | Incorrect Calculation | 3.5 | Arithmetic type - Operations |
| CWE-682 | Incorrect Calculation | 3.4 | Arithmetic type - Operands |
| CWE-682 | Incorrect Calculation | 2.17 | Enumerations |
| CWE-685 | Function Call With Incorrect Number of Arguments | 7.2 | Explicitly undefined |
| CWE-686 | Function Call With Incorrect Argument Type | 1.13 | Arithmetic type - Enum types |
| CWE-686 | Function Call With Incorrect Argument Type | 2.23 | Pointers |
| CWE-686 | Function Call With Incorrect Argument Type | 2.2 | Arithmetic type - Assignment |

| CWE ID | CWE Text | QAC Rule Group ID | QAC Rule Text |
|---|---|---|---|
| CWE-686 | Function Call With Incorrect Argument Type | 7.2 | Explicitly undefined |
| CWE-686 | Function Call With Incorrect Argument Type | 8.1 | Constraint violations |
| CWE-686 | Function Call With Incorrect Argument Type | 3.8 | Functions |
| CWE-690 | Unchecked Return Value to NULL Pointer Dereference | 5.8 | NULL pointers |
| CWE-697 | Insufficient Comparison | 3.2 | Arithmetic type - Balancing |
| CWE-697 | Insufficient Comparison | 8.1 | Constraint violations |
| CWE-704 | Incorrect Type Conversion or Cast | 2.4 | Arithmetic type - Casts |
| CWE-704 | Incorrect Type Conversion or Cast | 5.1 | Conversion to signed |
| CWE-704 | Incorrect Type Conversion or Cast | 5.2 | Conversion to unsigned |
| CWE-704 | Incorrect Type Conversion or Cast | 3.3 | Arithmetic type - Casts |
| CWE-705 | Incorrect Control Flow Scoping | 2.15 | Control flow |
| CWE-735 | CERT C Secure Coding Section 01 - Preprocessor (PRE) | 2.21 | Macro Definition |
| CWE-735 | CERT C Secure Coding Section 01 - Preprocessor (PRE) | 2.24 | Preprocessing |
| CWE-735 | CERT C Secure Coding Section 01 - Preprocessor (PRE) | 7.2 | Explicitly undefined |
| CWE-736 | CERT C Secure Coding Section 02 - Declarations and Initialization (DCL) | 3.8 | Functions |
| CWE-736 | CERT C Secure Coding Section 02 - Declarations and Initialization (DCL) | 3.11 | Redundancy |
| CWE-736 | CERT C Secure Coding Section 02 - Declarations and Initialization (DCL) | 5.12 | Control flow |
| CWE-736 | CERT C Secure Coding Section 02 - Declarations and Initialization (DCL) | 2.16 | Declarations and Definitions |
| CWE-736 | CERT C Secure Coding Section 02 - Declarations and Initialization (DCL) | 3.12 | Switch statements |
| CWE-736 | CERT C Secure Coding Section 02 - Declarations and Initialization (DCL) | 6.1 | ISO C90 Conformance limits |
| CWE-736 | CERT C Secure Coding Section 02 - Declarations and Initialization (DCL) | 2.19 | Identifiers |
| CWE-736 | CERT C Secure Coding Section 02 - Declarations and Initialization (DCL) | 7.2 | Explicitly undefined |
| CWE-736 | CERT C Secure Coding Section 02 - Declarations and Initialization (DCL) | 3.9 | Pointers |

| CWE ID | CWE Text | QAC Rule Group ID | QAC Rule Text |
|---|---|---|---|
| CWE-736 | CERT C Secure Coding Section 02 - Declarations and Initialization (DCL) | 6.4 | Language extensions |
| CWE-736 | CERT C Secure Coding Section 02 - Declarations and Initialization (DCL) | 2.18 | Functions |
| CWE-736 | CERT C Secure Coding Section 02 - Declarations and Initialization (DCL) | 9.2 | Syntax errors |
| CWE-737 | CERT C Secure Coding Section 03 - Expressions (EXP) | 2.15 | Control flow |
| CWE-737 | CERT C Secure Coding Section 03 - Expressions (EXP) | 3.4 | Arithmetic type - Operands |
| CWE-737 | CERT C Secure Coding Section 03 - Expressions (EXP) | 2.27 | Side Effects |
| CWE-737 | CERT C Secure Coding Section 03 - Expressions (EXP) | 5.8 | Unset data |
| CWE-737 | CERT C Secure Coding Section 03 - Expressions (EXP) | 7.2 | Explicitly undefined |
| CWE-737 | CERT C Secure Coding Section 03 - Expressions (EXP) | 5.9 | NULL pointers |
| CWE-737 | CERT C Secure Coding Section 03 - Expressions (EXP) | 3.8 | Functions |
| CWE-737 | CERT C Secure Coding Section 03 - Expressions (EXP) | 2.23 | Pointers |
| CWE-737 | CERT C Secure Coding Section 03 - Expressions (EXP) | 3.9 | Pointers |
| CWE-737 | CERT C Secure Coding Section 03 - Expressions (EXP) | 3.5 | Arithmetic type - Operations |
| CWE-737 | CERT C Secure Coding Section 03 - Expressions (EXP) | 8.1 | Constraint violations |
| CWE-738 | CERT C Secure Coding Section 04 - Integers (INT) | 7.2 | Explicitly undefined |
| CWE-738 | CERT C Secure Coding Section 04 - Integers (INT) | 2.23 | Pointers |
| CWE-738 | CERT C Secure Coding Section 04 - Integers (INT) | 5.2 | Conversion to unsigned |
| CWE-738 | CERT C Secure Coding Section 04 - Integers (INT) | 5.1 | Conversion to signed |
| CWE-738 | CERT C Secure Coding Section 04 - Integers (INT) | 5.5 | Overflow and wraparound |
| CWE-738 | CERT C Secure Coding Section 04 - Integers (INT) | 5.4 | Shift operations |
| CWE-738 | CERT C Secure Coding Section 04 - Integers (INT) | 3.5 | Arithmetic type - Operations |

| CWE ID | CWE Text | QAC Rule Group ID | QAC Rule Text |
|---|---|---|---|
| CWE-738 | CERT C Secure Coding Section 04 - Integers (INT) | 8.1 | Constraint violations |
| CWE-739 | CERT C Secure Coding Section 05 - Floating Point (FLP) | 2.2 | Arithmetic type - Assignment |
| CWE-739 | CERT C Secure Coding Section 05 - Floating Point (FLP) | 3.1 | Arithmetic type - Assignment |
| CWE-739 | CERT C Secure Coding Section 05 - Floating Point (FLP) | 2.15 | Control flow |
| CWE-740 | CERT C Secure Coding Section 06 - Arrays (ARR) | 8.1 | Constraint violations |
| CWE-740 | CERT C Secure Coding Section 06 - Arrays (ARR) | 5.7 | Pointers |
| CWE-740 | CERT C Secure Coding Section 06 - Arrays (ARR) | 6.6 | ISO C99 Language features |
| CWE-740 | CERT C Secure Coding Section 06 - Arrays (ARR) | 5.6 | Arrays |
| CWE-741 | CERT C Secure Coding Section 07 - Characters and Strings (STR) | 8.1 | Constraint violations |
| CWE-741 | CERT C Secure Coding Section 07 - Characters and Strings (STR) | 2.23 | Pointers |
| CWE-741 | CERT C Secure Coding Section 07 - Characters and Strings (STR) | 2.2 | Arithmetic type - Assignment |
| CWE-742 | CERT C Secure Coding Section 08 - Memory Management (MEM) | 3.9 | Pointers |
| CWE-743 | CERT C Secure Coding Section 09 - Input Output (FIO) | 6.6 | ISO C99 Language features |
| CWE-743 | CERT C Secure Coding Section 09 - Input Output (FIO) | 6.4 | Implementation defined |
| CWE-743 | CERT C Secure Coding Section 09 - Input Output (FIO) | 7.2 | Explicitly undefined |
| CWE-746 | CERT C Secure Coding Section 12 - Error Handling (ERR) | 2.18 | Functions |
| CWE-747 | CERT C Secure Coding Section 49 - Miscellaneous (MSC) | 1.4 | Dataflow - Overflow and wraparound |
| CWE-747 | CERT C Secure Coding Section 49 - Miscellaneous (MSC) | 5.12 | Control flow |
| CWE-747 | CERT C Secure Coding Section 49 - Miscellaneous (MSC) | 6.4 | Language extensions |
| CWE-747 | CERT C Secure Coding Section 49 - Miscellaneous (MSC) | 8.1 | Constraint violations |

| CWE ID | CWE Text | QAC Rule Group ID | QAC Rule Text |
|---|---|---|---|
| CWE-748 | CERT C Secure Coding Section 50 - POSIX (POS) | 2.18 | Functions |
| CWE-758 | Reliance on Undefined Unspecified or Implementation-Defined Behavior | 6.3 | Implementation defined |
| CWE-758 | Reliance on Undefined Unspecified or Implementation-Defined Behavior | 7.2 | Explicitly undefined |
| CWE-758 | Reliance on Undefined Unspecified or Implementation-Defined Behavior | 7.3 | Implicitly undefined |
| CWE-758 | Reliance on Undefined Unspecified or Implementation-Defined Behavior | 9.1 | QAC configuration |
| CWE-768 | Incorrect Short Circuit Evaluation | 2.27 | Side Effects |
| CWE-783 | Operator Precedence Logic Error | 1.15 | Miscellaneous |
| CWE-783 | Operator Precedence Logic Error | 2.25 | Readability |
| CWE-783 | Operator Precedence Logic Error | 0.6 | Sub-Messages |
| CWE-786 | Access of Memory Location Before Start of Buffer | 5.6 | Arrays |
| CWE-787 | Out-of-bounds Write | 5.6 | Arrays |
| CWE-788 | Access of Memory Location After End of Buffer | 5.6 | Arrays |
| CWE-805 | Buffer Access with Incorrect Length Value | 5.6 | Arrays |
| CWE-823 | Use of Out-of-range Pointer Offset | 5.6 | Arrays |
| CWE-824 | Access of Uninitialized Pointer | 5.9 | Unset data |
| CWE-835 | Loop with Unreachable Exit Condition | 5.13 | Control flow |
| CWE-843 | Access of Resource Using Incompatible Type | 2.1 | Arrays, structures, unions and bit-fields |
| CWE-843 | Access of Resource Using Incompatible Type | 5.7 | Pointers |
| CWE-908 | Use of Uninitialized Resource | 2.17 | Enumerations |
| CWE-908 | Use of Uninitialized Resource | 8.1 | Constraint violations |
| CWE-908 | Use of Uninitialized Resource | 5.8 | Unset data |
| CWE-908 | Use of Uninitialized Resource | 2.16 | Declarations and Definitions |
| CWE-909 | Missing Initialization of Resource | 2.16 | Declarations and Definitions |
| CWE-909 | Missing Initialization of Resource | 5.8 | Unset data |
| CWE-909 | Missing Initialization of Resource | 2.16 | Enumerations |
| CWE-909 | Missing Initialization of Resource | 8.1 | Constraint violations |