

	All Rules	Advisory Rules	Mandatory Rules	Required Rules
<b>Understand % Coverage</b>	86%	85%	82%	86%
<b>Understand Coverage</b>	191	39	18	134
<b>Total Rules</b>	223	46	22	155

## Checks

Check ID	Check Name	Supported	Category
MISRA25_1.1	The program shall contain no violations of the standard C syntax and constraints, and shall not exceed the implementation's translation limits	No	Required
MISRA25_1.3	There shall be no occurrence of undefined or critical unspecified behaviour	No	Required
MISRA25_1.4	1.4 Emergent language features shall not be used	Yes	Required
MISRA25_1.5	1.5 Obsolescent language features shall not be used	Yes	Required
MISRA25_2.1	2.1 A project shall not contain unreachable code	Yes	Required
MISRA25_2.2	A project shall not contain dead code	No	Required
MISRA25_2.3	2.3 A project should not contain unused type declarations	Yes	Advisory
MISRA25_2.4	2.4 A project should not contain unused tag declarations	Yes	Advisory
MISRA25_2.5	2.5 A project should not contain unused macro declarations	Yes	Advisory
MISRA25_2.6	A function should not contain unused label declarations	Yes	Advisory
MISRA25_2.7	2.7 A function should not contain unused parameters	Yes	Advisory
MISRA25_2.8	A project should not contain unused object definitions	Yes	Advisory
MISRA25_3.1	shall not be used within a comment	Yes	Required
MISRA25_3.2	comments	Yes	Required

MISRA25_4.1	4.1 Octal and hexadecimal escape sequences shall be terminated	Yes	Required
MISRA25_4.2	4.2 Trigraphs should not be used	Yes	Advisory
MISRA25_5.1	5.1 External identifiers shall be distinct	Yes	Required
MISRA25_5.2	5.2 Identifiers declared in the same scope and name space shall be distinct	Yes	Required
MISRA25_5.3	5.3 An identifier declared in an inner scope shall not hide an identifier declared in an outer scope	Yes	Required
MISRA25_5.4	5.4 Macro identifiers shall be distinct	Yes	Required
MISRA25_5.5	5.5 Identifiers shall be distinct from macro names	Yes	Required
MISRA25_5.6	5.6 A typedef name shall be a unique identifier	Yes	Required
MISRA25_5.7	5.7 A tag name shall be a unique identifier	Yes	Required
MISRA25_5.8	5.8 Identifiers that define objects or functions with external linkage shall be unique	Yes	Required
MISRA25_5.9	5.9 Identifiers that define objects or functions with internal linkage should be unique	Yes	Advisory
MISRA25_5.10	5.10 A reserved identifier or reserved macro name shall not be declared	Yes	Required
MISRA25_6.1	6.1 Bit-fields shall only be declared with an appropriate type	Yes	Required
MISRA25_6.2	6.2 Single-bit named bit-fields shall not be of a signed type	Yes	Required
MISRA25_6.3	6.3 A bit-field shall not be declared as a member of a union	Yes	Required
MISRA25_7.1	7.1 Octal constants shall not be used	Yes	Required
MISRA25_7.2	7.2 A u or U suffix shall be applied to all integer constants that are represented in an unsigned type	Yes	Required
MISRA25_7.3	7.3 The lowercase character 'l'	Yes	Required

	shall not be used in a literal suffix		
MISRA25_7.4	7.4 A string literal shall not be assigned to an object unless the object's type is "pointer to const-qualified char"	Yes	Required
MISRA25_7.5	7.5 The argument of an integer constant macro shall have an appropriate form	Yes	Mandatory
MISRA25_7.6	7.6 The small integer variants of the minimum-width integer constant macros shall not be used	Yes	Required
MISRA25_8.1	Types shall be explicitly specified	Yes	Required
MISRA25_8.2	Function types shall be in prototype form with named parameters	Yes	Required
MISRA25_8.3	8.3 All declarations of an object or function shall use the same names and type qualifiers	Yes	Required
MISRA25_8.4	8.4 A compatible declaration shall be visible when an object or function with external linkage is defined	Yes	Required
MISRA25_8.5	8.5 An external object or function shall be declared once in one and only one file	Yes	Required
MISRA25_8.6	8.6 An identifier with external linkage shall have exactly one external definition	Yes	Required
MISRA25_8.7	8.7 Functions and objects should not be defined with external linkage if they are referenced in only one translation unit	Yes	Advisory
MISRA25_8.8	8.8 The static storage class specifier shall be used in all declarations of objects and functions that have internal linkage	Yes	Required
MISRA25_8.9	8.9 An object should be defined at block scope if its identifier only appears in a single function	Yes	Advisory
MISRA25_8.10	8.10 An inline function shall be declared with the static storage	Yes	Required

	class		
MISRA25_8.11	8.11 When an array with external linkage is declared, its size should be explicitly specified	Yes	Advisory
MISRA25_8.12	8.12 Within an enumerator list, the value of an implicitly-specified enumeration constant shall be unique	Yes	Required
MISRA25_8.13	8.13 A pointer should point to a const-qualified type whenever possible	Yes	Advisory
MISRA25_8.14	8.14 The restrict type qualifier shall not be used	Yes	Required
MISRA25_8.15	8.15 All declarations of an object with an explicit alignment specification shall specify the same alignment	Yes	Required
MISRA25_8.16	8.16 The alignment specification of zero should not appear in an object declaration	Yes	Advisory
MISRA25_8.17	8.17 At most one explicit alignment specifier should appear in an object declaration	Yes	Advisory
MISRA25_8.18	8.18 There shall be no tentative definitions in a header file	Yes	Required
MISRA25_8.19	8.19 There should be no external declarations in a source file	Yes	Advisory
MISRA25_9.1	9.1 The value of an object with automatic storage duration shall not be read before it has been set	Yes	Mandatory
MISRA25_9.2	9.2 The initializer for an aggregate or union shall be enclosed in braces	Yes	Required
MISRA25_9.3	9.3 Arrays shall not be partially initialized	Yes	Required
MISRA25_9.4	9.4 An element of an object shall not be initialized more than once	Yes	Required
MISRA25_9.5	9.5 Where designated initializers are used to initialize an array object the size of the array shall be specified explicitly	Yes	Required

MISRA25_9.6	9.6 An initializer using chained designators shall not contain initializers without designators	Yes	Required
MISRA25_9.7	9.7 Atomic objects shall be appropriately initialized before being accessed	Yes	Mandatory
MISRA25_10.1	10.1 Operands shall not be of an inappropriate essential type	Yes	Required
MISRA25_10.2	10.2 Expressions of essentially character type shall not be used inappropriately in addition and subtraction operations	Yes	Required
MISRA25_10.3	10.3 The value of an expression shall not be assigned to an object with a narrower essential type or of a different essential type category	Yes	Required
MISRA25_10.4	10.4 Both operands of an operator in which the usual arithmetic conversions are performed shall have the same essential type category	Yes	Required
MISRA25_10.5	The value of an expression should not be cast to an inappropriate essential type	Yes	Advisory
MISRA25_10.6	10.6 The value of a composite expression shall not be assigned to an object with wider essential type	Yes	Required
MISRA25_10.7	If a composite expression is used as one operand of an operator in which the usual arithmetic conversions are performed then the other operand shall not have wider essential type	Yes	Required
MISRA25_10.8	10.8 The value of a composite expression shall not be cast to a different essential type category or a wider essential type	Yes	Required
MISRA25_11.1	11.1 Conversions shall not be performed between a pointer to a function and any other type	Yes	Required
MISRA25_11.2	11.2 Conversions shall not be performed between a pointer to an	Yes	Required

	incomplete type and any other type		
MISRA25_11.3	11.3 A conversion shall not be performed between a pointer to object type and a pointer to a different object type	Yes	Required
MISRA25_11.4	11.4 A conversion shall not be performed between a pointer to object and an arithmetic type	Yes	Required
MISRA25_11.5	11.5 A conversion should not be performed from pointer to void into pointer to object	Yes	Advisory
MISRA25_11.6	A cast shall not be performed between pointer to void and an arithmetic type	Yes	Required
MISRA25_11.8	11.8 A conversion shall not remove any const, volatile or _Atomic qualification from the type pointed to by a pointer	Yes	Required
MISRA25_11.9	11.9 The macro NULL shall be the only permitted form of integer null pointer constant	Yes	Required
MISRA25_11.10	The _Atomic qualifier shall not be applied to the incomplete type void	Yes	Required
MISRA25_11.11	11.11 Pointers shall not be implicitly compared to NULL	Yes	Required
MISRA25_12.1	The precedence of operators within expressions should be made explicit	No	Advisory
MISRA25_12.2	12.2 The right hand operand of a shift operator shall lie in the range zero to one less than the width in bits of the essential type of the left hand operand	Yes	Required
MISRA25_12.3	The comma operator should not be used	Yes	Advisory
MISRA25_12.4	Evaluation of constant expressions should not lead to unsigned integer wrap-around	No	Advisory
MISRA25_12.5	The sizeof operator shall not have an operand which is a function parameter declared as "array of	Yes	Mandatory

	type"		
MISRA25_12.6	12.6 Structure and union members of atomic objects shall not be directly accessed	Yes	Required
MISRA25_13.1	13.1 Initializer lists shall not contain persistent side effects	Yes	Required
MISRA25_13.2	The value of an expression and its persistent side effects shall be the same under all permitted evaluation orders and shall be independent from thread interleaving	No	Required
MISRA25_13.3	13.3 A full expression containing an increment (++) or decrement (--) operator should have no other potential side effects other than that caused by the increment or decrement operator	Yes	Advisory
MISRA25_13.4	13.4 The result of an assignment operator should not be used	Yes	Advisory
MISRA25_13.5	13.5 The right hand operand of a logical && or    operator shall not contain persistent side effects	Yes	Required
MISRA25_13.6	13.6 The operand of the sizeof operator shall not contain any expression which has potential side effects	Yes	Required
MISRA25_14.1	14.1 A loop counter shall not have essentially floating type	Yes	Required
MISRA25_14.2	14.2 A for loop shall be well-formed	Yes	Required
MISRA25_14.3	Controlling expressions shall not be invariant	No	Required
MISRA25_14.4	14.4 The controlling expression of an if statement and the controlling expression of an iteration-statement shall have essentially Boolean type	Yes	Required
MISRA25_15.1	15.1 The goto statement should not be used	Yes	Advisory
MISRA25_15.2	15.2 The goto statement shall jump to a label declared later in the same	Yes	Required

	function		
MISRA25_15.3	15.3 Any label referenced by a goto statement shall be declared in the same block, or in any block enclosing the goto statement	Yes	Required
MISRA25_15.4	15.4 There should be no more than one break or goto statement used to terminate any iteration statement	Yes	Advisory
MISRA25_15.5	15.5 A function should have a single point of exit at the end	Yes	Advisory
MISRA25_15.6	15.6 The body of an iteration-statement or a selection-statement shall be a compound-statement	Yes	Required
MISRA25_15.7	15.7 All if ... else if constructs shall be terminated with an else statement	Yes	Required
MISRA25_16.1	16.1 All switch statements shall be well-formed	Yes	Required
MISRA25_16.2	16.2 A switch label shall only be used when the most closely-enclosing compound statement is the body of a switch statement	Yes	Required
MISRA25_16.3	16.3 An unconditional break statement shall terminate every switch-clause	Yes	Required
MISRA25_16.4	16.4 Every switch statement shall have a default label	Yes	Required
MISRA25_16.5	16.5 A default label shall appear as either the first or the last switch label of a switch statement	Yes	Required
MISRA25_16.6	16.6 Every switch statement shall have at least two switch-clauses	Yes	Required
MISRA25_16.7	A switch-expression shall not have essentially Boolean type	Yes	Required
MISRA25_17.1	17.1 The features of <stdarg.h> shall not be used	Yes	Required
MISRA25_17.2	17.2 Functions shall not call themselves, either directly or indirectly	Yes	Required
MISRA25_17.3	17.3 A function shall not be declared implicitly	Yes	Mandatory

MISRA25_17.4	All exit paths from a function with non-void return type shall have an explicit return statement with an expression	Yes	Mandatory
MISRA25_17.5	17.5 The function argument corresponding to a parameter declared to have an array type shall have an appropriate number of elements	Yes	Required
MISRA25_17.7	The value returned by a function having non-void return type shall be used	Yes	Required
MISRA25_17.8	17.8 A function parameter should not be modified	Yes	Advisory
MISRA25_17.9	A function declared with a <code>_Noreturn</code> function specifier shall not return to its caller	Yes	Mandatory
MISRA25_17.10	17.10 A function declared with a <code>_Noreturn</code> function specifier shall have void return type	Yes	Required
MISRA25_17.11	17.11 A function that never returns should be declared with a <code>_Noreturn</code> function specifier	Yes	Advisory
MISRA25_17.12	17.12 A function identifier should only be used with either a preceding <code>&amp;</code> , or with a parenthesized parameter list	Yes	Advisory
MISRA25_17.13	17.13 A function type shall not be type qualified	Yes	Required
MISRA25_18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand	No	Required
MISRA25_18.2	18.2 Subtraction between pointers shall only be applied to pointers that address elements of the same array	Yes	Required
MISRA25_18.3	18.3 The relational operators <code>&gt;</code> , <code>&gt;=</code> , <code>&lt;</code> and <code>&lt;=</code> shall not be applied to expressions of pointer type except where they point into the same object	Yes	Required

MISRA25_18.4	18.4 The +, -, += and -= operators should not be applied to an expression of pointer type	Yes	Advisory
MISRA25_18.5	18.5 Declarations should contain no more than two levels of pointer nesting	Yes	Advisory
MISRA25_18.6	18.6 The address of an object with automatic or thread-local storage shall not be copied to another object that persists after the first object has ceased to exist	Yes	Required
MISRA25_18.7	18.7 Flexible array members shall not be declared	Yes	Required
MISRA25_18.8	18.8 Variable-length arrays shall not be used	Yes	Required
MISRA25_18.9	18.9 An object with temporary lifetime shall not undergo array-to-pointer conversion	Yes	Required
MISRA25_18.10	18.10 Pointers to variably-modified array types shall not be used	Yes	Mandatory
MISRA25_19.1	An object shall not be assigned or copied to an overlapping object	No	Mandatory
MISRA25_19.2	19.2 The union keyword should not be used	Yes	Advisory
MISRA25_19.3	19.3 A union member shall not be read unless it has been previously set	Yes	Required
MISRA25_20.1	20.1 #include directives shall only be preceded by preprocessor directives or comments	Yes	Advisory
MISRA25_20.2	character sequences shall not occur in a header file name	Yes	Required
MISRA25_20.3	The #include directive shall be followed by either a <filename> or "filename" sequence	Yes	Required
MISRA25_20.4	20.4 A macro shall not be defined with the same name as a keyword	Yes	Required
MISRA25_20.5	20.5 #undef should not be used	Yes	Advisory
MISRA25_20.6	20.6 Tokens that look like a preprocessing directive shall not occur within a macro argument	Yes	Required

MISRA25_20.7	Expressions resulting from the expansion of macro parameters shall be appropriately delimited	No	Required
MISRA25_20.8	The controlling expression of a #if or #elif preprocessing directive shall evaluate to 0 or 1	No	Required
MISRA25_20.9	All identifiers used in the controlling expression of #if or #elif preprocessing directives shall be #define'd before evaluation	No	Required
MISRA25_20.10	20.10 The # and ## preprocessor operators should not be used	Yes	Advisory
MISRA25_20.11	20.11 A macro parameter immediately following a # operator shall not immediately be followed by a ## operator	Yes	Required
MISRA25_20.12	A macro parameter used as an operand to the # or ## operators, which is itself subject to further macro replacement, shall only be used as an operand to these operators	No	Required
MISRA25_20.13	20.13 A line whose first token is # shall be a valid preprocessing directive	Yes	Required
MISRA25_20.14	All #else, #elif and #endif preprocessor directives shall reside in the same file as the #if, #ifdef or #ifndef directive to which they are related	Yes	Required
MISRA25_20.15	20.15 #define and #undef shall not be used on a reserved identifier or reserved macro name	Yes	Required
MISRA25_21.3	21.3 The memory allocation and deallocation functions of <stdlib.h> shall not be used	Yes	Required
MISRA25_21.4	21.4 The standard header file <setjmp.h> shall not be used	Yes	Required
MISRA25_21.5	21.5 The standard header file <signal.h> shall not be used	Yes	Required
MISRA25_21.6	output functions shall not be used	Yes	Required

MISRA25_21.7	21.7 The atof, atoi, atol and atoll functions of <stdlib.h> shall not be used	Yes	Required
MISRA25_21.8	The Standard Library termination functions of <stdlib.h> shall not be used	Yes	Required
MISRA25_21.9	21.9 The Standard Library functions bsearch and qsort of <stdlib.h> shall not be used	Yes	Required
MISRA25_21.10	21.10 The Standard Library time and date functions shall not be used	Yes	Required
MISRA25_21.11	21.11 The standard header file <tgmath.h> shall not be used	Yes	Required
MISRA25_21.12	21.12 The standard header file <fenv.h> shall not be used	Yes	Required
MISRA25_21.13	21.13 Any value passed to a function in <ctype.h> shall be representable as an unsigned char or be the value EOF	Yes	Mandatory
MISRA25_21.14	21.14 The Standard Library function memcmp shall not be used to compare null terminated strings	Yes	Required
MISRA25_21.15	The pointer arguments to the Standard Library functions memcpy, memmove and memcmp shall be pointers to qualified or unqualified versions of compatible types	Yes	Required
MISRA25_21.16	The pointer arguments to the Standard Library function memcmp shall point to either a pointer type, an essentially signed type, an essentially unsigned type, an essentially Boolean type or an essentially enum type	Yes	Required
MISRA25_21.17	21.17 Use of the string handling functions from <string.h> shall not result in accesses beyond the bounds of the objects referenced by their pointer parameters	Yes	Mandatory
MISRA25_21.18	The size_t argument passed to any	Yes	Mandatory

	function in <string.h> shall have an appropriate value		
MISRA25_21.19	21.19 The pointers returned by the Standard Library functions localeconv, getenv, setlocale or strerror shall only be used as if they have pointer to const-qualified type	Yes	Mandatory
MISRA25_21.20	21.20 The pointer returned by the Standard Library functions asctime, ctime, gmtime, localtime, localeconv, getenv, setlocale or strerror shall not be used following a subsequent call to the same function	Yes	Mandatory
MISRA25_21.21	21.21 The Standard Library function system of <stdlib.h> shall not be used	Yes	Required
MISRA25_21.22	21.22 All operand arguments to any type-generic macros declared in <tgmath.h> shall have an appropriate essential type	Yes	Mandatory
MISRA25_21.23	21.23 All operand arguments to any multi-argument type-generic macros declared in <tgmath.h> shall have the same standard type	Yes	Required
MISRA25_21.24	21.24 The random number generator functions of <stdlib.h> shall not be used	Yes	Required
MISRA25_21.25	21.25 All memory synchronization operations shall be executed in sequentially consistent order	Yes	Required
MISRA25_21.26	21.26 The Standard Library function mtx_timedlock() shall only be invoked on mutex objects of appropriate mutex type	Yes	Required
MISRA25_22.1	All resources obtained dynamically by means of Standard Library functions shall be explicitly released	Yes	Required
MISRA25_22.2	A block of memory shall only be freed if it was allocated by means	Yes	Mandatory

	of a Standard Library function		
MISRA25_22.3	22.3 The same file shall not be open for read and write access at the same time on different streams	Yes	Required
MISRA25_22.4	22.4 There shall be no attempt to write to a stream which has been opened as read-only	Yes	Mandatory
MISRA25_22.5	22.5 A pointer to a FILE object shall not be dereferenced	Yes	Mandatory
MISRA25_22.6	The value of a pointer to a FILE shall not be used after the associated stream has been closed	No	Mandatory
MISRA25_22.7	22.7 The macro EOF shall only be compared with the unmodified return value from any Standard Library function capable of returning EOF	Yes	Required
MISRA25_22.8	22.8 The value of errno shall be set to zero prior to a call to an errno-setting-function	Yes	Required
MISRA25_22.9	22.9 The value of errno shall be tested against zero after calling an errno-setting-function	Yes	Required
MISRA25_22.10	22.10 The value of errno shall only be tested when the last function to be called was an errno-setting-function	Yes	Required
MISRA25_22.11	22.11 A thread that was previously either joined or detached shall not be subsequently joined nor detached	Yes	Required
MISRA25_22.12	22.12 Thread objects, thread synchronization objects, and thread-specific storage pointers shall only be accessed by the appropriate Standard Library functions	Yes	Mandatory
MISRA25_22.13	22.13 Thread objects, thread synchronization objects and thread-specific storage pointers shall have appropriate storage duration	Yes	Required

MISRA25_22.14	22.14 Thread synchronization objects shall be initialized before being accessed	No	Mandatory
MISRA25_22.15	22.15 Thread synchronization objects and thread-specific storage pointers shall not be destroyed until after all threads accessing them have terminated	Yes	Required
MISRA25_22.16	22.16 All mutex objects locked by a thread shall be explicitly unlocked by the same thread	Yes	Required
MISRA25_22.17	22.17 No thread shall unlock a mutex or call <code>cnd_wait()</code> or <code>cnd_timedwait()</code> for a mutex it has not locked before	Yes	Required
MISRA25_22.18	22.18 Non-recursive mutexes shall not be recursively locked	Yes	Required
MISRA25_22.19	22.19 A condition variable shall be associated with at most one mutex object	Yes	Required
MISRA25_22.20	22.20 Thread-specific storage pointers shall be created before being accessed	No	Mandatory
MISRA25_23.1	23.1 A generic selection should only be expanded from a macro	Yes	Advisory
MISRA25_23.2	A generic selection that is not expanded from a macro shall not contain potential side effects in the controlling expression	Yes	Required
MISRA25_23.3	23.3 A generic selection should contain at least one non-default association	Yes	Advisory
MISRA25_23.4	A generic association shall list an appropriate type	No	Required
MISRA25_23.5	A generic selection should not depend on implicit pointer type conversion	No	Advisory
MISRA25_23.6	The controlling expression of a generic selection shall have an essential type that matches its standard type	No	Required

MISRA25_23.7	23.7 A generic selection that is expanded from a macro should evaluate its argument only once	Yes	Advisory
MISRA25_23.8	23.8 A default association shall appear as either the first or the last association of a generic selection	Yes	Required
MISRA25_DIR_1.1	Directive 1.1 Any implementation-defined behaviour on which the output of the program depends shall be documented and understood	No	Required
MISRA25_DIR_1.2	Directive 1.2 The use of language extensions should be minimized	No	Advisory
MISRA25_DIR_2.1	Directive 2.1 All source files shall compile without any compilation errors	Yes	Required
MISRA25_DIR_3.1	Directive 3.1 All code shall be traceable to documented requirements	No	Required
MISRA25_DIR_4.1	Directive 4.1 Run-time failures shall be minimized	No	Required
MISRA25_DIR_4.2	Directive 4.2 All usage of assembly language should be documented	No	Advisory
MISRA25_DIR_4.3	Directive 4.3 Assembly language shall be encapsulated and isolated	No	Required
MISRA25_DIR_4.4	Directive 4.4 Sections of code should not be "commented out"	Yes	Advisory
MISRA25_DIR_4.5	Directive 4.5 Identifiers in the same name space with overlapping visibility should be typographically unambiguous	Yes	Advisory
MISRA25_DIR_4.6	Directive 4.6 typedefs that indicate size and signedness should be used in place of the basic integer types	Yes	Advisory
MISRA25_DIR_4.7	Directive 4.7 If a function returns error information, then that error information shall be tested	No	Required
MISRA25_DIR_4.8	Directive 4.8 If a pointer to a structure or union is never dereferenced within a translation	Yes	Advisory

	unit, then the implementation of the object should be hidden		
MISRA25_DIR_4.9	Directive 4.9 A function should be used in preference to a function-like macro where they are interchangeable	No	Advisory
MISRA25_DIR_4.10	Directive 4.10 Precautions shall be taken in order to prevent the contents of a header file being included more than once	Yes	Required
MISRA25_DIR_4.11	Directive 4.11 The validity of values passed to library functions shall be checked	No	Required
MISRA25_DIR_4.12	Directive 4.12 Dynamic memory allocation shall not be used	Yes	Required
MISRA25_DIR_4.13	Directive 4.13 Functions which are designed to provide operations on a resource should be called in an appropriate sequence	No	Advisory
MISRA25_DIR_4.14	Directive 4.14 The validity of values received from external sources shall be checked	Yes	Required
MISRA25_DIR_4.15	Directive 4.15 Evaluation of floating-point expressions shall not lead to the undetected generation of infinities and NaNs	No	Required
MISRA25_DIR_5.1	Directive 5.1 There shall be no data races between threads	No	Required
MISRA25_DIR_5.2	Directive 5.2 There shall be no deadlocks between threads	No	Required
MISRA25_DIR_5.3	Directive 5.3 There shall be no dynamic thread creation	Yes	Required