

MISRA Guideline Compliance Summary

Project: **ARPA-E Mapping Confined Space Mapping Module - PipeBlaser**

Guideline: **MISRA C 2012**

Checking Tool: **cppcheck-2.0**

Target Build: **02/13/2023**

Checking Scope: **Excluding third-party utilities**

Result: **Noncompliant**

Summary:

1. There were violations of 0 mandatory guideline.
2. There were violations of 4 required guidelines.
3. There were violations of 2 advisory guidelines.

Guideline	Category	Recategorization	Deviations/Violations
Rule 1.1	Required		0
Rule 1.2	Advisory		0
Rule 1.3	Required		0
Rule 2.1	Required		0
Rule 2.2	Required		9
Rule 2.3	Advisory		13
Rule 2.4	Advisory		0
Rule 2.5	Advisory		0
Rule 2.6	Advisory		0
Rule 2.7	Advisory		0
Rule 3.1	Required		0
Rule 3.2	Required		0
Rule 4.1	Required		0
Rule 4.2	Advisory		0
Rule 5.1	Required		0
Rule 5.2	Required		0
Rule 5.3	Required		0
Rule 5.4	Required		0
Rule 5.5	Required		0
Rule 5.6	Required		109
Rule 5.7	Required		0
Rule 5.8	Required		0
Rule 5.9	Advisory		0
Rule 6.1	Required		0
Rule 6.2	Required		0
Rule 7.1	Required		0
Rule 7.2	Required		0
Rule 7.3	Required		0
Rule 7.4	Required		0
Rule 8.1	Required		0
Rule 8.2	Required		0
Rule 8.3	Required		0
Rule 8.4	Required		0
Rule 8.5	Required		0
Rule 8.6	Required		0
Rule 8.7	Advisory		0

Rule 8.8	Required		0
Rule 8.9	Advisory		0
Rule 8.10	Required		0
Rule 8.11	Advisory		0
Rule 8.12	Required		0
Rule 8.13	Advisory		0
Rule 8.14	Required		0
Rule 9.1	Mandatory		0
Rule 9.2	Required		0
Rule 9.3	Required		0
Rule 9.4	Required		0
Rule 9.5	Required		0
Rule 10.1	Required		0
Rule 10.2	Required		0
Rule 10.3	Required		0
Rule 10.4	Required		0
Rule 10.5	Advisory		0
Rule 10.6	Required		0
Rule 10.7	Required		0
Rule 10.8	Required		0
Rule 11.1	Required		0
Rule 11.2	Required		0
Rule 11.3	Required		0
Rule 11.4	Advisory		0
Rule 11.5	Advisory		0
Rule 11.6	Required		0
Rule 11.7	Required		0
Rule 11.8	Required		0
Rule 11.9	Required		0
Rule 12.1	Advisory		0
Rule 12.2	Required		0
Rule 12.3	Advisory		899
Rule 12.4	Advisory		0
Rule 13.1	Required		0
Rule 13.2	Required		0
Rule 13.3	Advisory		0
Rule 13.4	Advisory		0
Rule 13.5	Required		3
Rule 13.6	Mandatory		0
Rule 14.1	Required		0
Rule 14.2	Required		0
Rule 14.3	Required		0
Rule 14.4	Required		0
Rule 15.1	Advisory		0
Rule 15.2	Required		0
Rule 15.3	Required		0
Rule 15.4	Advisory		0
Rule 15.5	Advisory		0
Rule 15.6	Required		0
Rule 15.7	Required		0
Rule 16.1	Required		0

Rule 16.2	Required		0
Rule 16.3	Required		0
Rule 16.4	Required		0
Rule 16.5	Required		0
Rule 16.6	Required		0
Rule 16.7	Required		0
Rule 17.1	Required		0
Rule 17.2	Required		11
Rule 17.3	Mandatory		0
Rule 17.4	Mandatory		0
Rule 17.5	Advisory		0
Rule 17.6	Mandatory		0
Rule 17.7	Required		0
Rule 17.8	Advisory		0
Rule 18.1	Required		0
Rule 18.2	Required		0
Rule 18.3	Required		0
Rule 18.4	Advisory		0
Rule 18.5	Advisory		0
Rule 18.6	Required		0
Rule 18.7	Required		0
Rule 18.8	Required		0
Rule 19.1	Mandatory		0
Rule 19.2	Advisory		0
Rule 20.1	Advisory		0
Rule 20.2	Required		0
Rule 20.3	Required		0
Rule 20.4	Required		0
Rule 20.5	Advisory		0
Rule 20.6	Required		0
Rule 20.7	Required		0
Rule 20.8	Required		0
Rule 20.9	Required		0
Rule 20.10	Advisory		0
Rule 20.11	Required		0
Rule 20.12	Required		0
Rule 20.13	Required		0
Rule 20.14	Required		0
Rule 21.1	Required		0
Rule 21.2	Required		0
Rule 21.3	Required		0
Rule 21.4	Required		0
Rule 21.5	Required		0
Rule 21.6	Required		0
Rule 21.7	Required		0
Rule 21.8	Required		0
Rule 21.9	Required		0
Rule 21.10	Required		0
Rule 21.11	Required		0
Rule 21.12	Advisory		0

Rule 22.1	Required		0
Rule 22.2	Mandatory		0
Rule 22.3	Required		0
Rule 22.4	Mandatory		0
Rule 22.5	Mandatory		0
Rule 22.6	Mandatory		0