Annex B Documentation Conventions

B.1 Exceptions Allowed

Unless otherwise stated in the project-specific CONTRIBUTIONS.md file, each project based on this specification **shall** develop documentation as defined by this annex.

B.2 Development Environment

B.2.1 Overview

In addition to the development tools needed to manage and submit any contribution within the Git environment (e.g., Git, GitHub), developing project documentation requires the following tools:

- **A text editor,** which is used to create and edit markdwon and yaml files,
- **Python,** which is required to run MkDocs,
- **MkDocs,** which is an open-source tool for translating a set of markdown files into a static website, and
- **Materials for MkDocs,** which is an open-source tool that extends the markdown language to support additional features that are useful for developing the look and feel of the project's documentation.

This combination of tools has been selected because it:

- is designed to be easy to install and use,
- requires minimal setup,
- works well with Git and GitHub,
- supports search functionality,
- can produce a static website,
- when coupled with add-ons, can produce PDFs
- has an active development community

It is recommended to establish this development environment prior to making any edits. Generating the documentation website locally from a known baseline allows the contributor to verify that the development environment is working correctly prior to introducing edits to the files. Contributors are required to generate the