Quality Assurance Techniques for Maintainable Software

Aside from testing, which usually takes up a large portion of the development lifecycle, there are other methods that may have an effect on overall quality and maintainability of software.

Consider the following, and for each, indicate when you think they might be applied during development, and whether their application to a software project would be useful or not, and why.

Coding Standards/Guidelines for Programming Languages

Static Analysis Tools (Automated)

Code Review Checklist (Human)