

Results and Evaluation of Prototype

Template # 9

List the results of each of the prototype tests. Explain how the test results meet or exceed the original functional requirements (and also certification requirements, if applicable).

If there are functional requirements that were not met, explain why.

Explain how the prototype could be redesigned or modified to meet all functional requirements.

Report on the results of life cycle testing if applicable. Does the prototype meet life cycle requirements?

Referring back to Template #7, were the planned safety features of the product implemented in the prototype? If so, did the safety features reduce the risk of unsafe operation? Are any additional safety features needed?

Were the health and safety guidelines in Template #7 followed during fabrication, assembly, and testing of the prototype? If not, explain. Explain the nature of any accidents that occurred and how they could have been avoided.

Provide a detailed breakdown of actual costs. Compare actual costs with budgeted costs.

Evaluate the prototype performance, appearance and cost. List any recommended changes to reduce cost or improve performance or appearance.