ENGINEERING RELEASE REVIEW RUBRIC   Reviewer Name: _____

Team Name: _____   **Date:** _____

Competency	Not ready Red	Yellow	Ready to go Green	Readiness (R,Y,G)
Value Proposition	*Missing* – No attempt to describe why the project is important; not relatable for the audience	*Technical only* – Partial articulation of project impact; not relatable for non-technical audience	*Engaging* - Clear articulation of larger project impact; relatable to a non-technical audience	
Product Requirements	*Superficial Formulation* - Some relevant factors identified, few measurable,	*Adequate Formulation* – Most relevant factors considered, some measurable,	*Insightful Formulation* – All relevant factors considered, many measurable	
Preliminary Proof of Concept	*Missing* – No mention of modeling, testing, or prototyping at any scale	*Satisfactory* – High-level data without specified purpose or application	*Complete* – Focused data with relevant interpretations and conclusions	
System Design (including any Models, Drawings, and BOM)	*Missing* – No overall system architecture or knowledge of how subsystems relate to one another; no models or drawings available.	*Basic* – Broad concept of a design with a basic idea of how it satisfies client needs; models, drawings, BOM partially complete	*Thorough* - Proposed solution(s) directly addresses client needs and specifications; models, drawings, and BOM available	
Manufacturing and Validation Plan	*Disorganized* – Vague idea of components to be purchased and how parts fit together; largely unaware how to fabricate needed parts; unclear path for validation	*Developed* - Selection of purchased components in progress; materials identified but may not be optimal; validation plan partially complete	*Well Planned* - Specific vendors and model numbers ready for order; tooling and fixture needs understood; drawings reviewed by shop manager; clear validation plan	
Project Management	*Wistful* – Path to completion unclear; budget uncertain	*Appropriate* - Credible timeline and budget given	*Insightful* - Contingencies considered in managing time and budget	
Risk Management	*Unaware* - No acknowledgement of project risks; relies only on a "home-run" solution	*Considerate* – Acknowledges risks and incorporates potential plans for worst-case scenario	*Mitigated* – Identifies logical risks and clear paths and fallback plans to address each	

Comment and list any readiness deficiencies
(continue on back if necessary):   Overall Readiness: _____