

Category	CR #	Customer Requirement	Importance	Completion Progress	Validation	Key	
Data	CR 1.1	Captures force on the cutting tool in 3 dimensions	1	50%	Test Plan	1 = High Importance	"Critical"
Data	CR 1.2	Wirelessly transmits data	2	75%	Test Plan/Prototyping	2 = Medium Importance	"Important"
Data	CR 1.3	Enables data to be viewed and captured in real time	3	65%	Test Plan	3 = Minimal Importance	"Acceptable"
Physical Design	CR 2.1	Can interface with the Bridgeport milling machine in the ME machine shop	1	75%	Test Plan/Modeling		
Physical Design	CR 2.2	Has a high repeatability during normal use conditions	2	50%	Test Plan		
Physical Design	CR 2.3	Will remain in working condition for a long period of time	2	75%	Test Plan		
Usage	CR 3.1	Utilizes strain gauges to collect measurements	1	45%	Test Plan/Set-up		
Usage	CR 3.2	Can be used safely and has safeguards in place for failure	1	50%	Test Plan/Set-up		
Usage	CR 3.3	Comes with detailed user instructions for set-up, use, and tear-down	1	30%	TBD in MSD II		
Usage	CR 3.4	Is easy to attach and detach from the machines	2	75%	Test Plan/Set-up		