MSDII Testing – Ingress Protection Test

Team: P15001: Active Ankle Foot Orthotic
Engineer: Adam Podolec- Electrical Engineer

Related System:

Component Housing

Engineering Requirement(s)

ER8: Ingress Protection

IP Code	54	54	X	5-solid object, 4-water

Testing Plan

The housing for the IR sensor and the housing for the electronic components on the back pack will be exposed to splashes of water from a water bottle in all directions. If the electronics are still functional then the design meets our engineering requirement, the test will be repeated three times.

To meet our engineering requirement dust should not enter the housing to a state that would prevent the electronics from functioning in a satisfactory manner. If our electronics have not failed do to the effect of dust by 30-Apr-2015 than we have met our engineering requirements.

Start Date: 26-Jan-2015

End Date: 30-Apr-2015

Budget

Equipment	Price	Quantity
Total:		