

**NM MESA Day 2017 Frequently Asked Questions**  
**Last Updated: February 7, 2017**

*This document is intended to clarify any information pertaining to the upcoming MESA Day/Region Design events. This document also acts as an addendum to the MESA Day Handbook and will be followed at each competition. Some questions have been kept in the FAQ document from previous years to continue to clarify any questions.*

**GENERAL QUESTIONS:**

Q: If I don't pass inspection, can I still qualify and come?

A: No, due to limited time of your Regional Coordinator, if you do not pass inspection at the time scheduled, they are not able to do a 2<sup>nd</sup> inspection. All inspections are required to be complete by 5PM on 2/17/17. This includes submission of all required materials to [info@nmmesa.org](mailto:info@nmmesa.org) in addition to a physical inspection. (2/7/17)

**PREPARE DESIGN: PROSTHETIC HAND:**

Q: Can we have a grabbing bar inside of our socket?

A: No, a true immobilization would not allow the hand to grab anything. You are allowed to have items inside your socket to ensure a "snug" fit, but you need to ensure there are no uncertainties of immobilization. (1/13/15)

A2: ENSURE that both the wrist is immobilized along with a finger. Wrist cannot have any flexion and fingers need to be contained (within sock or tape). (2/7/17)

Q: Can you clarify some of the prosthetic arm requirements?

A: Requirements are as follows. Any clarifications are in red.

- Device is a generalized tool and includes all parts necessary to accomplish all tasks. **Everything needs to be included on budget sheet and must be placed on the table for inspection prior to start of preparation time. Any parts being replaced on the arm can only be replacement parts and must be identical parts. This includes programming. Modifications are allowed (increasing tension, changing time delay in a program), but the part and/or program must stay the same. Different heads for different tasks are not allowed.** (2/7/17)

Q: Can a team replace the red board (with an identical one) for a different task that has the same program with modified timing?

A: Yes, but the program will need to be verified during time given to make modifications between tasks. This will be done by showing/uploading the program of the original board on computer and then showing/uploading the program of the new board. This will be inspected by the judge monitoring the holding area. (2/7/17)

Q: Can the testing student, come pre-immobilized to save time?

A: Yes, and it is suggested that if immobilization takes a lot of time to do so (taping a hand, taping a sock, placing a glove, etc). In this instance, the immobilization parts are NOT part of the device and therefore do not have to be included in the cost or be placed on the table prior to start. But, they cannot aid in

any part of the device. If immobilization occurs with the device itself (a tube, brace style socket, etc), that needs to be done with the placing of the device on the student during the prep time. (1/13/15)

Q: Can we change programming between tasks?

A: You cannot change an entire program, but can modify the same one by changing timing or something similar. Computers, Internet, and Electricity are not guaranteed at the competition so all teams will need to come with required technology to make desired modifications. (2/7/17)

Q: Do decorative items need to be included in the budget sheet?

A: Yes, if you have painted, added decorative duct tape, added decorative metal or parts, etc. it needs to be included. Aesthetics are not required or scored. The only exception is any marker used to write team and team # on device. (2/7/17)