



VASO Clarifications (Complete List)

VASO Clarifications Policy

During our tournaments, VASO will enforce only those clarifications issued by VASO; National clarifications and FAQs will not be valid in Virginia tournaments.

Division B

Vehicle Design

Dec 30, 2020

PROPOSAL DUE DATES - Proposals are due by:

- First Regional - 12:00pm (noon) on Saturday, Jan 23
- Second Regional - 12:00pm (noon) on Saturday, Jan 30

Proposals submitted up to 24 hours late will incur the penalty in rule 4c, and proposals submitted more than 24 hours late will not be accepted.

The [form to submit proposals](https://file-upload.virginiaso.org/fileUpload/vehicleDesign) will not open until the day after Software Practice Day. Proposal submission will not be a component of Software Practice Day, but Zoom Q&A time will be.

Nov 3, 2020

Append to Rule 2.a - Teams may only submit their proposal once. If multiple proposals are submitted, only the first one will be scored.

Nov 3, 2020

Replace Rule 2.e - If a team has already built a vehicle in a previous year, they may present ideas from their previous work, but building experience is not necessary to do well in this event. At no time should students ignore social distancing guidelines or work together to build a vehicle. ESs will score well-presented design ideas that are justified with a statement of what would need to be tested in physical prototypes as equivalent to ideas presented with justification from previous building experience.

Nov 3, 2020

Append to Rule 3.a - To participate in the Q&A, the students must have one adult on the call for internet safety reasons. That person can be a coach, parent, or other adult affiliated with the team. The adult can either be physically present with one of the students or independently join the video call.

Nov 3, 2020

Replace Rule 3.d - Teams that do not participate in a Q&A will be ranked behind teams that do.

Nov 3, 2020

Replace Rule 4.d - Construction Penalty: The proposal score will be multiplied by the Construction Modifier = $1.00 - 0.05 * N$,

where N = the number of rules in Section 3: Construction Parameters of the Mousetrap or Gravity Vehicle rules that the ES cannot determine the proposed device would meet.

For example, if all construction parameters other than those in rule 3e are met, then the Construction Modifier = $1.00 - 0.05 * 1 = 0.95$