



Team Update 03

General Notes

- **Q&A**
 - We ask all teams to search Q&A content before submitting a question. We're seeing a high volume of questions that have already been asked, and some even answered. The result is a bloated Q&A system with a lot of redundant content. Our hope is that teams will recognize an existing question that asks the same thing they'd like to ask, follow it (by clicking the "star" icon), and not submit a duplicate question.
 - The answer to [Q11](#) has been edited to acknowledge that there may be circumstances where the Overflow LOADING STATION is used to feed GEARS on to the FIELD and thus better match the response given to [Q49](#).
- **Field Tour Video Correction**
 - [The Boiler](#): Thanks to [Q126](#), a discrepancy has been identified regarding the height of the High Efficiency GOAL cited in the video vs. that cited in the official manual and drawings. The opening is 8 ft. 1 in. from the carpet and set back from the face of the BOILER by 1 ft. 5½ in., as documented in the manual and the drawings.

Section 3 The ARENA

- **Drawing Updates:**
 - *GE-17362, HDPE Slide* has been added to the [Field Components drawing package](#).
 - Detail about which side of the chute plastic is up has been added to *TE-17007, HP – Loading Station* in the [Team Versions drawing package](#).

Section 5 Safety Rules

S07. Keep your hands "inside" the vehicle at all times. During the MATCH, the PILOT may neither

- contact ROTORS,
- contact DAVITS, ~~nor~~
- reach outside any PORT, nor
- contact any part of a deployed (i.e. any part of the ROPE is below the deck of the AIRSHIP) ROPE.

Violation: YELLOW CARD

Section 8.1 Overview (of ROBOT Rules)

The rules listed below explicitly address legal parts and materials and how those parts and materials may be used on a 2017 ROBOT. There are many reasons for the structure of the rules, including safety, reliability, parity, creation of a reasonable design challenge, adherence to professional standards, impact on the competition, and compatibility with the Kit of Parts (KOP), which is the collection of items listed on any Kickoff Kit Checklists, distributed via *FIRST*® Choice, or **paid for completely, except shipping, with obtained via a Product Donation Voucher (PDV).**



Section 9 Inspection & Eligibility

104.

D. consist entirely of flexible, non-metallic fibers **sewn**, twisted, tied, woven, or braided together except for the last 4 in. (~10 cm) of any cut end (E) which may be whipped (with material that is flexible and non-metallic) or fused only to prevent fraying.

I. be flexible such that it's not capable of being pushed to activate the TOUCHPAD.

Also, the blue box below 104-D has been moved to be below 104-I.

Flexible means that if the ROPE is held at any point, it should not extend more than 12 in. above the point where it is held. ROPES are meant to be pulled, not pushed.

Section 11 Glossary

Term	Definition
RS	Ranking Score, the total number of Ranking Points earned by a Team throughout their Qualification MATCHES divided by the number of MATCHES they've been scheduled to play (minus any surrogate MATCH)