



Thread The Needle

Equipment: Hydraulic Excavator – Grad-All
Factory Control Settings

Object: Pick-up a football-shaped pipe cleaning device, which is attached to the bucket by a chain, and lower the "football" into various sized pipe segments, which are turned upright.

Scoring: The competitor who completes the task of inserting the football into the upright pipes, with the fewest faults, shall prevail. Best time becomes the discriminator only if two or more competitors complete the task with the same number of faults.

Faults: A fault will be assigned for the following infractions or errors:

- Touching the outside of a pipe, except for the top two inches of the pipe rim, with the football, chain or bucket.
- If the football touches the ground, outside of the pipe.
- Failure to insert the football fully into the pipe, as demonstrated by the painted marks on the chain.
- Knocking pipe to the ground. If a pipe is knocked down, the task cannot be completed and thus no score assigned.

Notes:

- Any action deemed by the judge to be inappropriate or an attempt to circumvent the rules or the spirit of the competition may result in additional faults added to the score or disqualification.
- Failure to initiate play by securing the chain hook onto the bucket is a disqualifier and thus no score can be assigned.

Note: The information contained herein is intended to provide prospective competitors with an introductory overview of the planned event so all can prepare for the competition. However, the event itself, the rules, assignment of faults, the overarching time limit and equipment style is subject to change without further notice.

Final event information will be posted on the Grounds on the day of the event.