



American Society of Civil Engineers

2007 Ohio Valley Regional Conference Concrete Frisbee Competition

Description

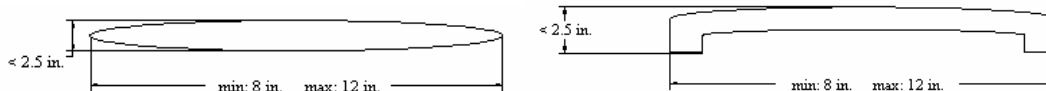
The Concrete Frisbee competition gives teams a chance to construct their own concrete Frisbees and then compete with them. The competition has two components: distance and accuracy. Frisbees will also be judged based on their aesthetic qualities. Here are the rules for the competition:

Participants

1. A team must consist of at least two participants
2. All participants must be members of their school's ASCE Chapter or Club.

The Frisbee

1. Concrete mix must contain Portland Cement, however there are no restrictions on aggregate.
2. The Frisbee must have a diameter of greater than 8 in. but less than 12 in.
3. The height of the Frisbee must not exceed 2.5 in. at its thickest point.



Competition

Maximum Distance

1. Each team may have 1-4 male and 1-4 female participants.
2. The longest male throw and the longest female throw will be scored
3. In order for a throw to count, the disc must land within the set boundaries and maintain at least 80% of its initial weight.

Accuracy

1. Each team may have a maximum of two male and two female participants.
2. Participants will attempt to toss the concrete Frisbee into one of the marked circles on the course.
3. As long as a portion of the disc is touching the circle, the team is awarded those points.
4. The final score is equal to the sum of the points earned from the four throws
5. If a disc fails to maintain 80% of its initial weight, any points earned by the throw will not be recorded.

*The field lay-out is yet to be finalized and will be included in a later update.

Awards

There will be four awards presented for this competition:

1. Aesthetics – An award will be given out for the most aesthetically pleasing disc design (This includes paint design.)
2. Maximum Distance – Male
3. Maximum Distance – Female
4. Best Overall – The overall score for a team = $\frac{1}{3} * (\text{male max distance} + \text{female max distance}) + \frac{2}{3} * (\text{overall team accuracy score})$