CONCRETE FRISBEE GOLF

Get ready for a game of frisbee golf!!!

Manufacturing Rules:
The discs must be made of unreinforced portland cement concrete. The
diameter must be greater than or equal to 6-inches. The thickness of the disk
must be greater than or equal to 0.5-inch at one point along the edge (outermost
distance from the center) of the frisbee. Each school is allowed to have 1 team
consisting of at most 2 members. Each team needs to provide five discs. One
will be picked at random for inspection.

Competition Guidelines:
• There will be 4 separate teeing areas for holes (markers) at 10 ft., 15 ft., 20 ft., and 30
  ft. lengths. One disc must be thrown for each hole.
• The hole will consist of a marker on the ground rather than a metal basket. The goal
  is to be as close to the hole (marker) as possible.
• After a team has thrown their disc, the straight line distance from the marker to the
  closest edge of the disc will be measured. Distances will be measured to the nearest
  inch. The disc will then be weighed again.
• If the disc breaks, the straight line distance from the marker to the largest remaining
  piece will be measured and weighed. After all holes are played, scores will be totaled
to determine the winner.
• Judges decisions on largest piece, etc. are final.
• In case of a tie, the lowest average weight of four discs (before throwing) will be
  deemed the winner.

Scoring Procedure For Each Hole:
(1) Retained Weight Ratio, RWR (30 Points per Hole):

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RWR = \frac{\text{Weight of Largest Remaining Piece}}{\text{Weight of Disc Before Throwing}} \times 30 \text{ points}
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(2) Accuracy, ACC (70 points per Hole):

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ACC = \frac{\text{Hole Length}}{(\text{Hole Length} + \text{Distance from Hole to Disc})} \times 70 \text{ points}
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Please remember no reinforcement is allowed.
You may throw the disc however you like.

If you have any questions, please contact Rachel Hicks at rrw018@latech.edu
Figure 1. Frisbee Dimensions