

ME72b 2010 - 2011
Extreme Recycling
Mock Contest Grade Sheet

Team:

Grader:

1. Is your prototype robust enough to withstand the expected rigors of the actual contest? (25 pts)

Comments:

2. Have you paid attention to all of the details that will help you have a competitive entry? (25 pts)

Comments:

3. Have you improved your system's performance compared to the first system trial? (25 pts)

Comments:

4. Does your device work smoothly within the contest environment? (25 pts)

Comments:

5. **BONUS POINTS:** Any points scored during the competition. (See back for points break-down.)

6. **Total Score** (out of 100 points)

Bonus Point Breakdown Mock Contest Scoring

Note that these scoring values are not exactly the same as those for the final competition. In order to give you more bonus points, we have increase the values of several of the scoring options.

Commingled Recycling. Recyclables that are on the line will count as being inside the recycling zone, but an item must be entirely within the recycling zone to count. At the end of the contest period, all recyclables inside the recycling zone but not inside a bin will count for the values as follows:

- Plastic water bottles: _____ x 0.5 points = _____ points
 - Uncrushed aluminum cans: _____ x 1 point = _____ points
 - Steel cans: _____ x 1.5 points = _____ points
- Commingled subtotal: _____

If all recyclables are deposited into one container (but not sorted), points are **doubled**. Circle one:

x1 x2
Commingled total: _____

Crushed Can

A can will be considered crushed if it is less than half of its original vertical height, with individual judgments at the discretion of the contest judge. Sideways crushing alone will not be sufficient.

- Crushed aluminum cans: _____ x10 points = _____ points

Sorted Recyclables

To score the “sorted recyclables” point values given below, vehicles must correctly deposit recyclables into their proper bin.

- Plastic: 1 point each
- Aluminum:
 - 5 points for each uncrushed aluminum can
 - 10 points for each crushed aluminum can
- Steel:
 - 6 points for each uncrushed steel can
 - 20 points for each crushed steel can

Sorted total: _____

Total Bonus Points:
