<table>
<thead>
<tr>
<th>Team No</th>
<th>Team Name</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>26 / October / 2012</td>
</tr>
</tbody>
</table>

**Task Overview:**
- **Task 0:** Basic functionality.......................................................... 1 point
- **Task 1:** Put a straw in a can with the top removed........................................ 3 points
- **Task 10:** Put a straw in an opened can ....................................................... 5 points
- **Task 100:** Put a straw in an opened bottle.................................................... 7 points
- **Task 1000:** Put a straw in an opened can with clutter (other cans)................... 7 points
- **Task 2042:** Put a straw in an opened can and opened bottle with full clutter (cans/snacks)................................................................. 10 points

**Bonus Overview:**
- A: Consistency........................................................................................................... + 2 points
- B: Straw Automatic Loading .................................................................................... + 3 points
- C: Bottle has all labels removed............................................................................. + 3 points

**Band Overview:**
- Grade 1-2: Does it turn on? Arm/Vision system operate?
- Grade 3-4: Arm moves, vision system demonstrably analyses scene, motion logical (Score ≥4 (4))
- Grade 5: Task 10. Score ≥8
- Grade 6: Accurate detection / place straw with good precision. Score >15
- Grade 7: Task 100+1000 or Task 2042. Score >20

**Task Scoring Aid:**
- 2042
- 1000
- 100

**Grading: (Function)**
- 20 It turns on
- 30 Samples 1 can
- 40 Heading in the right direction
- 50 Motion logical. Places straw in open can
- 60 Good (5)
- 73 Very Good (6)
- 85 Full, robust functionality. Excellent (7)

**Grading: (Form)**
- 1 Cursory assembly/operation
- 3 Some consideration.
- 6 Design and implementation are very good.
- 10 Design and implementation are outstanding

**Methodological Explanation:**

**Total Mark:** /100