## CONCEPT EVALUATION WORKSHEET

**Date:**

**Design Team**

**Product Title**

**Weighted Decision Matrix**

### EVALUATION OF DESIGN CONCEPTS***

<table>
<thead>
<tr>
<th>EVALUATION CRITERIA*</th>
<th>Concept 1:</th>
<th>Concept 2:</th>
<th>Concept 3:</th>
<th>Concept 4:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>rank</td>
<td>score</td>
<td>rank</td>
<td>score</td>
</tr>
</tbody>
</table>

### TOTAL DESIGN CONCEPT WEIGHTED SCORE (weighting factor x score)

* The evaluation criteria are the engineering requirements you established from customer requirements.

** The evaluation criteria weighting factors can be determined by objective decision or can be the relative importance scores from the customer requirements.

*** The evaluation of design concepts looks at:

- **Ranks:** Use a 0-10 scale or other scheme to rank the performance of each design concept for each evaluation criteria.
- **Scores:** Scores indicate how well each concept performs in relation to each evaluation criteria: 0 for inadequate performance, 1 for weak performance, 2 for satisfactory performance, 3 for good performance, and 4 for excellent performance.