**Solution Selection Matrix Example**

**Purpose:** *Use this learning aid to review a completed solution selection matrix*.

| **Solution selection matrix** |
| --- |
|  | **Shipping time**  | **Labeling defects**  | **Wrong components shipped**  | **Incorrect component assembly**  | **Overall Impact Rating**  | **Cost Rating**  | **Risk Rating**  | **Overall Rating**  |
| **Significance Rating**  | 3  | 2  | 5  | 4  |    |    |    |    |
| **Potential Improvements**  | Impact Rating  | Impact Rating  | Impact Rating  | Impact Rating  |    |    |    |    |
| Change the MRP system  | 4  | 4  | 3  | 2  | 43  | 2  | 2  | 172  |
| Change the performance incentives for on-time delivery  | 2  | 1  | 4  | 5  | 48  | 3  | 3  | 432  |
| Broaden the responsibility for preparing shipments  | 3  | 3  | 4  | 5  | 55  | 4  | 4  | 880  |
| Reorganize the assembly storeroom  | 3  | 2  | 5  | 2  | 46  | 4  | 4  | 736  |

**Course:** Design of Experiments and Validation of Solutions in Six Sigma
**Topic:** Identifying and Selecting Solutions