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| **(DFA) Design for Assembly** | | | | |
| Individual Assembly Evaluation for: | | | Organization Name : | |
| |  |  |  |  |  | | --- | --- | --- | --- | --- | |  | **OVERALL ASSEMBLY** |  | | | | 1 | Overall part count minimized | | |  | | 2 | Minimum use of separate fasteners | | |  | | 3 | Base part with fixturing features (Locating surfaces and holes) | | |  | | 4 | Repositioning required during assembly sequence | | |  | | 5 | Assembly sequence efficiency | | |  | |  | **PART RETRIEVAL** |  | | | | 6 | Characteristics that complicate handling (tangling, nesting, flexibility) have been avoided | | |  | | 7 | Parts have been designer for a specific feed approach (bulk, strip, magazine) | | |  | |  | **PART HANDLING** |  | | | | 8 | Parts with end-to-end symmetry | | |  | | 9 | Parts with symmetry about the axis of insertion | | |  | | 10 | Where symmetry is not possible, parts are clearly asymmetric | | |  | |  | **PART MATING** |  | | | | 11 | Straight line motions of assembly | | |  | | 12 | Chamfers and features that facilitate insertion and self-alignment | | |  | | 13 | Maximum part accessibility | | |  | | Note: Only for comparison of alternate designs of same assembly | | | **TOTAL SCORE** |  | | | | | |
| Team member: | Team member: | Prepared by: | | Date: |
| Team member: | Team member: | Checked by: | | Approved by: |
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