

|                                                         |              |                                                                              |                                              |         |                                             |   |                 |   |                       |   |                   |
|---------------------------------------------------------|--------------|------------------------------------------------------------------------------|----------------------------------------------|---------|---------------------------------------------|---|-----------------|---|-----------------------|---|-------------------|
| <div></div>                                             | Equipment :  | Fixutre                                                                      | Loss Type :                                  | Quality |                                             |   |                 |   |                       |   | KAIZEN IDEA SHEET |
|                                                         | Department : | QAD                                                                          | Result :                                     | N       | P                                           | Q | C               | D | S                     | M |                   |
|                                                         | Cell :       | Robotic                                                                      | Type :                                       |         |                                             |   |                 |   |                       |   |                   |
| Unit Name : Rucha Engineers Pvt Ltd Plant 1, Aurangabad |              |                                                                              | Operation : Welding                          |         |                                             |   |                 |   |                       |   |                   |
| Kaizen Theme: To prevent seat bkt missing               |              |                                                                              | Idea : Zero volt pokayoke for part detection |         |                                             |   |                 |   |                       |   |                   |
| Problem / Present Status                                |              | Counter Measure                                                              |                                              |         | Benchmark :                                 |   | 5               |   |                       |   |                   |
| Seat bkt missing due to operator poka                   |              | To provided zero volt poka-yoke at detection level & interlocking with cycle |                                              |         | Target :                                    |   | 0               |   |                       |   |                   |
|                                                         |              |                                                                              |                                              |         | Start :                                     |   | 27/08/2017      |   | Finished : 27/08/2017 |   |                   |
| <div></div>                                             |              | <div></div>                                                                  |                                              |         | Note :                                      |   |                 |   |                       |   |                   |
|                                                         |              |                                                                              |                                              |         | Team Members :                              |   |                 |   |                       |   |                   |
|                                                         |              |                                                                              |                                              |         | 1. S S Khetale                              |   | 2. D S Dhabhade |   |                       |   |                   |
|                                                         |              |                                                                              |                                              |         | 3. P M Basawade                             |   | 4. B M Kadam    |   |                       |   |                   |
|                                                         |              |                                                                              |                                              |         | 5.                                          |   | 6.              |   |                       |   |                   |
|                                                         |              |                                                                              |                                              |         | Benefits                                    |   |                 |   |                       |   |                   |
|                                                         |              |                                                                              |                                              |         |                                             |   |                 |   |                       |   |                   |
| Why Why Analysis :                                      |              | Result :                                                                     |                                              |         | Kaizen Sustenance :                         |   |                 |   |                       |   |                   |
| W1 : Why Seat bkt missing ?                             |              | No seat bkt missing                                                          |                                              |         | What To Do : To provided zero volt pokayoke |   |                 |   |                       |   |                   |
| A1 : Operator poka                                      |              |                                                                              |                                              |         |                                             |   |                 |   |                       |   |                   |
| W2 : Why Operator poka ?                                |              |                                                                              |                                              |         | How To Do : monitoring pokayoke audit       |   |                 |   |                       |   |                   |
| A2 : No fixed location on fixture                       |              | <div></div>                                                                  |                                              |         |                                             |   |                 |   |                       |   |                   |
| W3 : Why No fixed location on fixture ?                 |              |                                                                              |                                              |         | Frequency : Daily                           |   |                 |   |                       |   |                   |
| A3 :                                                    |              |                                                                              |                                              |         | Cost Incurred For Making Kaizen :           |   |                 |   |                       |   |                   |
| W4 :                                                    |              |                                                                              |                                              |         | Material Cost                               |   | Labour Cost     |   | Total                 |   |                   |
| A4 :                                                    |              |                                                                              |                                              |         | 0.00                                        |   | 0.00            |   | 0.00                  |   |                   |
| Root Cause                                              |              |                                                                              |                                              |         | Scope & Plan For Horizontal Deployment :    |   |                 |   |                       |   |                   |
| No fixed location on fixture                            |              |                                                                              |                                              |         | Equipmnet                                   |   | Target          |   | Status                |   |                   |
| Date : 27/08/2017                                       |              |                                                                              |                                              |         |                                             |   |                 |   |                       |   |                   |
| Registered By : Rucha Engineers Pvt Ltd Plant 1         |              |                                                                              |                                              |         |                                             |   |                 |   |                       |   |                   |
| Manager's Sign : Mr. S G Sohoni                         |              |                                                                              |                                              |         |                                             |   |                 |   |                       |   |                   |
| ----- Rucha Group - Corporate -----                     |              |                                                                              |                                              |         |                                             |   |                 |   |                       |   |                   |