

|                                                                                                                                                                                                                                                                                                                                                                                                                        |              |                                                                                   |                                         |           |                                          |   |              |   |                   |   |                   |                  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|-----------------------------------------------------------------------------------|-----------------------------------------|-----------|------------------------------------------|---|--------------|---|-------------------|---|-------------------|------------------|
|                                                                                                                                                                                                                                                                                                                                        | Equipment :  | Mechanical Press Main Air Line                                                    | Loss Type :                             | MP Kazien |                                          |   |              |   |                   |   | KAIZEN IDEA SHEET |                  |
|                                                                                                                                                                                                                                                                                                                                                                                                                        | Department : | Maintenance                                                                       | Result :                                | N         | P                                        | Q | C            | D | S                 | M |                   |                  |
|                                                                                                                                                                                                                                                                                                                                                                                                                        | Cell :       | Press Shop                                                                        | Type :                                  |           |                                          |   |              |   |                   |   |                   | Kaizen ID : 3137 |
| Unit Name : Rucha Engineers Pvt Ltd Plant 3, Aurangabad                                                                                                                                                                                                                                                                                                                                                                |              |                                                                                   | Operation : Press Shop                  |           |                                          |   |              |   |                   |   |                   |                  |
| Kaizen Theme: To Reduced MTTR and Increased MTBF                                                                                                                                                                                                                                                                                                                                                                       |              |                                                                                   | Idea : To be Provide Moisture Separator |           |                                          |   |              |   |                   |   |                   |                  |
| Problem / Present Status                                                                                                                                                                                                                                                                                                                                                                                               |              | Counter Measure                                                                   |                                         |           | Benchmark :                              |   | 2203 minutes |   |                   |   |                   |                  |
|                                                                                                                                                                                                                                                                                                                                                                                                                        |              | Provided Zikzhak system in Main Air Pipe line due to control Water in Air.        |                                         |           | Target :                                 |   | 550 Minutes  |   |                   |   |                   |                  |
|                                                                                                                                                                                                                                                                                                                                                                                                                        |              |                                                                                   |                                         |           | Start :                                  |   | 06/09/2017   |   | Finished :        |   | 08/09/2017        |                  |
|                                                                                                                                                                                                                                                                                                                                       |              |  |                                         |           | Note :                                   |   |              |   |                   |   |                   |                  |
|                                                                                                                                                                                                                                                                                                                                                                                                                        |              |                                                                                   |                                         |           | Team Members :                           |   |              |   |                   |   |                   |                  |
|                                                                                                                                                                                                                                                                                                                                                                                                                        |              |                                                                                   |                                         |           | 1. Mr.AA SHAIKH                          |   |              |   | 2. Mr.KS Lashkare |   |                   |                  |
|                                                                                                                                                                                                                                                                                                                                                                                                                        |              |                                                                                   |                                         |           | 3. SAMADHAN WAGH                         |   |              |   | 4.                |   |                   |                  |
|                                                                                                                                                                                                                                                                                                                                                                                                                        |              |                                                                                   |                                         |           | 5.                                       |   |              |   | 6.                |   |                   |                  |
|                                                                                                                                                                                                                                                                                                                                                                                                                        |              |                                                                                   |                                         |           | Benefits                                 |   |              |   |                   |   |                   |                  |
| Why Why Analysis :                                                                                                                                                                                                                                                                                                                                                                                                     |              | Result :                                                                          |                                         |           | Kaizen Sustenance :                      |   |              |   |                   |   |                   |                  |
| W1 : Provided Air Pipe Line Zikzhak System<br>A1 : to Remove Water from Air.<br>W2 : Why to Remove Water from Air. ?<br>A2 : Do all Sensing Valve Jam due to Water<br>W3 : Why Do all Sensing Valve Jam due to Water ?<br>A3 : rusty air<br>W4 : Why rusty air ?<br>A4 :<br><br>Root Cause<br>rusty air<br><br>Date : 20/09/2017<br>Registered By : Rucha Engineers Pvt Ltd Plant 3<br>Manager's Sign : Mr. S G Sohoni |              |                                                                                   |                                         |           | What To Do :                             |   |              |   |                   |   |                   |                  |
|                                                                                                                                                                                                                                                                                                                                                                                                                        |              |                                                                                   |                                         |           | How To Do :                              |   |              |   |                   |   |                   |                  |
|                                                                                                                                                                                                                                                                                                                                                                                                                        |              |                                                                                   |                                         |           | Frequency :                              |   |              |   |                   |   |                   |                  |
|                                                                                                                                                                                                                                                                                                                                                                                                                        |              |                                                                                   |                                         |           | Cost Incurred For Making Kaizen :        |   |              |   |                   |   |                   |                  |
|                                                                                                                                                                                                                                                                                                                                                                                                                        |              |                                                                                   |                                         |           | Material Cost                            |   | Labour Cost  |   | Total             |   |                   |                  |
|                                                                                                                                                                                                                                                                                                                                                                                                                        |              |                                                                                   |                                         |           | 2200.00                                  |   | 750.00       |   | 2950.00           |   |                   |                  |
|                                                                                                                                                                                                                                                                                                                                                                                                                        |              |                                                                                   |                                         |           | Scope & Plan For Horizontal Deployment : |   |              |   |                   |   |                   |                  |
|                                                                                                                                                                                                                                                                                                                                                                                                                        |              |                                                                                   |                                         |           | Equipmnet                                |   |              |   | Target            |   | Status            |                  |
|                                                                                                                                                                                                                                                                                                                                                                                                                        |              |                                                                                   |                                         |           |                                          |   |              |   |                   |   |                   |                  |
|                                                                                                                                                                                                                                                                                                                                                                                                                        |              |                                                                                   |                                         |           | ----- Rucha Group - Corporate -----      |   |              |   |                   |   |                   |                  |