| ADVIK | TPM CIRCLE NO :- | | ACTIVITY | KK | QM | PM | JH | SHE | OTPM | DM | E & T | KAIZEN IDEA SHEET |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | TPM CIRCLE NAME : | | LOSS NO./STEP | 14 | | | | | | | | |
| Plant : P14 | DEPT : | Maintenance | RESULT AREA | C | Q | P | P, C | S | M, D | P, C | M | |

| CELL :- | Machine shop | CELL NAME : | DGS | M/C STAGE: | Jobber XL | OPERATION: | Turning |
|---|---|---|---|---|---|---|---|

**KAIZEN THEME :**

To improve the MTBF

**KAIZEN IDEA :**

Increase the thread thickness

| | |
|---|---|
| BENCHMARK: | 4 mm thickness |
| TARGET: | 7 mm thickness |
| KAIZEN START: | 25.07.18 |
| TARGET DATE: | 31.07.18 |
| KAIZEN FINISH: | 30.07.18 |
| TEAM MEMBERS: | |
| Anirudh | Ramesh |

**PROBLEM PRESENT STATUS :**

Draw bar breaking frequently

**COUNTERMEASURE:**

Reduced the draw bar ID from 25 mm t0 17 mm and increased the thickness from 4 mm to 7 mm

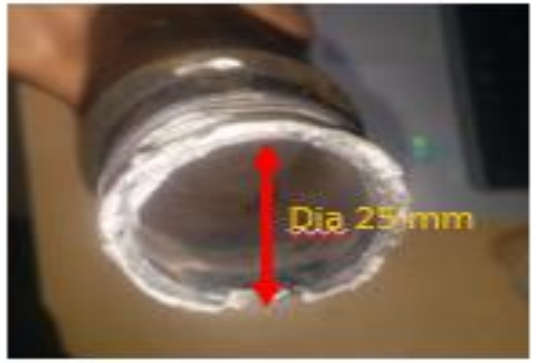
**WHY-WHY ANALYSIS:**

**Why1:-** Draw bar breaking frequently

**Why2:-** Draw bar not withstanding load

**Why3 :-** Draw bar thread thickness less (4 mm)

**BEFORE**




**AFTER**

**BENEFITS:-**

1. Break down elimination
2. OEE improve

**KAIZEN SUSTAINANCE**

**WHAT TO DO:-**
One time action

**HOW TO DO: -**
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**FREQUENCY:-**
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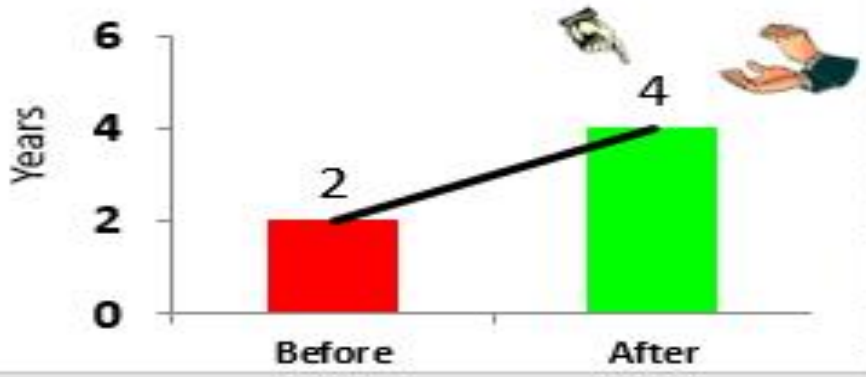
**ROOT CAUSE**

Thread thickness less (4mm)

**RESULTS:**

MTBF has improved from 2 years to 4 years




**SCOPE & PLAN FOR HORIZONTAL DEPLOYMENT**

| SR. No | CELL/ PRODUCT | TDC | RESP. | STATUS |
|---|---|---|---|---|
| 01 | Jobber XL-2 | 31.08.18 | Anirudh | Material received need to replace |
| | | | | |
| | | | | |

**HD SCOPE INFORMATION IN OTHER PLANT**

| SR. No | Plant | WHEN | WHOM | STATUS |
|---|---|---|---|---|
| | | | | |

| | |
|---|---|
| REGISTRATION NO.: | |
| DATE: | |
| REGISTERED BY: | Mr.Subramani |
| MANGERS SIGN: | Mr. Dinesha M |