

TPM CIRCLE NO :- 2	ACTIVITY	KK	QM	PM	JH	SHE	OT	DM	E&T
TPM CIRCLE NAME : Joshile	LOSS NO. / STEP								
DEPT :- Maintenance	RESULT AREA	P	Q	DEF :- A	C	D	S	M	

**CELL :-** A177      **CELL NAME:-** Oil Pump Line      **MACHINE / STAGE :-** Oil flushing      **OPERATION :-** flushing

**KAIZEN THEME :** To Reduce PM time and frequency in A177 Oil Pump Assembly Cell.

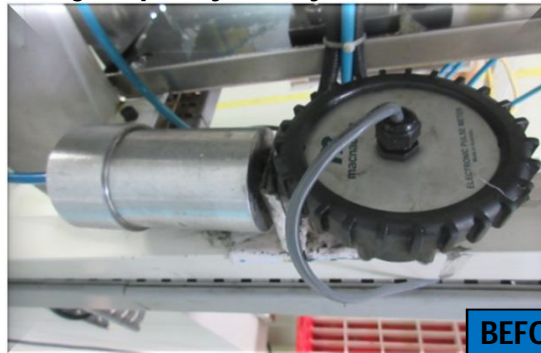
**IDEA :-** To Reduce the PM frequency and PM time in A177 Oil Pump Cell oil flushing station

**WIDELY/DEEPLY:-**

**COUNTERMEASURE:-** Power full magnetic filter with easy maintenance filter installed.

<b>BENCHMARK</b>	20min, 2days once
<b>TARGET</b>	2min, 60days once
<b>KAIZEN START</b>	16.07.2015
<b>KAIZEN FINISH</b>	31.08.2015

**PROBLEM / PRESENT STATUS :-**  
Magnetic filter cleaning time is 20min and cleaning frequency is 2days once

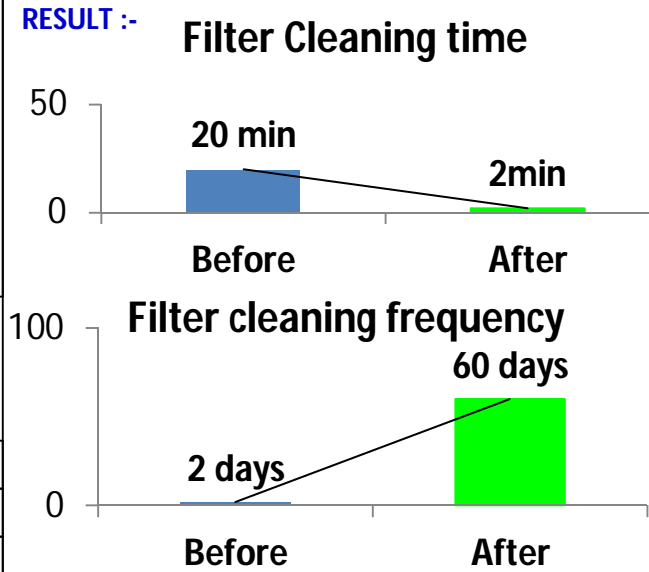


- TEAM MEMBERS :-**  
Sivasankar, Dinesh  
Pavan, manju
- BENEFITS :-**
1. Machine availability increased
  2. Oil replacement frequency increased
  3. Easy maintenance

**KAIZEN SUSTENANCE**

**WHAT TO DO:** Increase cleaning frequency in PM check sheet  
**HOW TO DO:**-----  
**FREQUENCY :** 1 Time activity

**WHY - WHY ANALYSIS :-**  
**Why1:-** Filter cleaning time 20min & frequency 2days once  
**Why 2:-** Pipe wrench ,bench wise to be used for removing and pulse generator blockage.  
**Why 3:-** No easy to remove design and no power full filter



**ROOT CAUSE :-** No easy to remove design and no power full filter

**COST INCURRED FOR MAKING KAIZEN**

MATERIAL COST IN RS	LABOUR COST IN RS	TOTAL COST IN RS
INR 60,000	-----	INR 60,000

**REGISTRATION NO. & DATE:** 815 & 31.08.15  
**REGISTERED BY :-** Guru Basappa  
**MANAGER'S SIGN :-** Sivasankar

**SCOPE & PLAN FOR HORIZONTAL DEPLOYMENT**

SR. NO.	CELL	TARGET	RESPONSIBILITY	STATUS
1.	A337	20.10.2015	Sivasankar	Trail