

TPM CIRCLE NO :- 1	ACTIVITY	KK	QM	PM	JH	SHE	OT	DM	E&T
TPM CIRCLE NAME :	LOSS NO. / STEP								
DEPT :-	RESULT AREA	P	Q	DEF :- A	C	D	S	M	

CELL :- Utility      CELL NAME :- Utility      MACHINE / STAGE :- Air Compressor      OPERATION :- Air compressing

**KAIZEN THEME :-** MTBF to be increase

**IDEA :-** Avoid the back pressure on valve

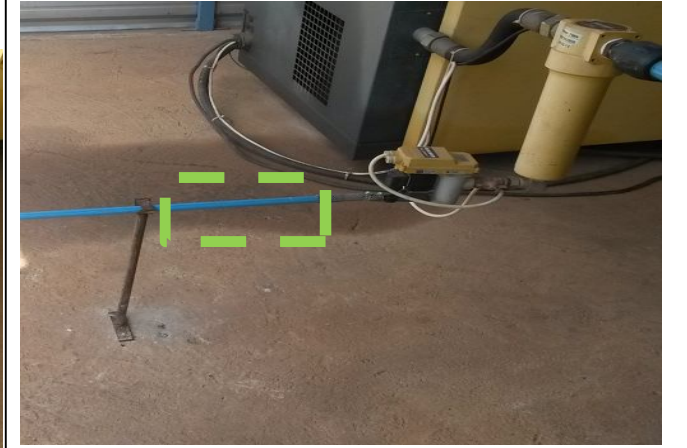
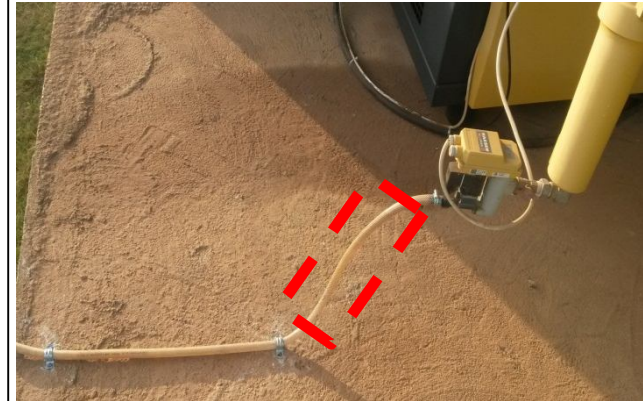
**WIDELY/DEEPLY :-**

**COUNTERMEASURE :-** Replaced the flexible drain pipe by rigid straight pipe for free dispose.

<b>BENCHMARK</b>	0 No.
<b>TARGET</b>	0 No.
<b>KAIZEN START</b>	10.09.2015
<b>KAIZEN FINISH</b>	10.09.2015

**PROBLEM / PRESENT STATUS :-** Auto drain valve's seal frequently getting damage due to the back pressure on seal while draining of high pressured moisture

**TEAM MEMBERS :-**  
Manjunath h.s ,  
Ganesh  
**BENEFITS :-**



Frequent damage of seal avoided.

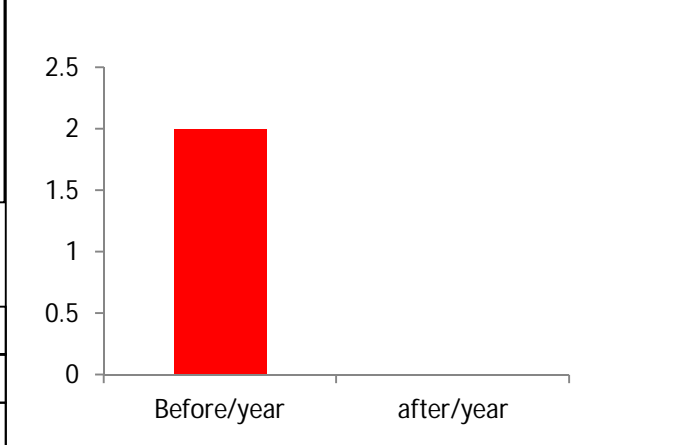
**BEFORE**

**AFTER**

**KAIZEN SUSTENANCE**

**Why1:-** Replaced the flexible pipe  
**Why2:-** Seal getting damage frequently  
**Why3:-** Back pressure on seal due bent pipe

**RESULT :-**



**WHAT TO DO.** Irreversible kaizen  
**HOW TO DO : ----**  
**FREQUENCY :----**

**ROOT CAUSE :-** wrong design

**COST INCURRED**

MATERIAL COST IN RS	LABOUR COST IN RS	TOTAL COST IN RS
200		200

**REGISTRATION NO. & DATE : # 826, 10.09.15**

**HORIZONTAL DEPLOYMENT**

**REGISTERED BY :- Dinesha.M**

SR. NO.	CELL	TARGET	RESPONSIBILITY	STATUS

**MANAGER'S SIGN :-**