ADVIK

TPM CIRCLE NO :- 03	ACTIVITY	KK	QM	PM	JH	SHE	OT	DM	E&T	KAIZEN IDEA SHEET	
TPM CIRCLE NAME :- Damini	LOSS NO. / STEP	15								KAIZEN NO:- 97	
DEPT :- ME	RESULT AREA	P	Q	DEF :- A / B / C		C	D	S	M		

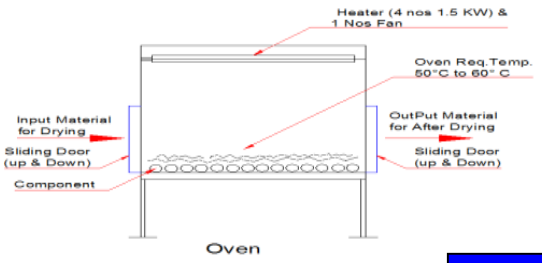
CELL :- A 403 | CELL NAME:-Fuel Cock | MACHINE / STAGE :- Oven | OPERATION :- Choromotising

KAIZEN THEME:- Energy conservation

IDEA:- Alternate source of Drying.

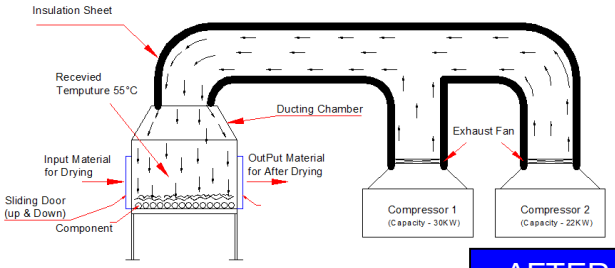
WIDELY/DEEPLY:-

PROBLEM / PRESENT: High Electric Energy consumption on Cromodizing dryer station (to dry Fuel Cock Model – D104 No.-JZ171809) Consumption - 3250 Unit per month.



BEFORE

COUNTERMEASURE :- Provided a ducting from compressor outlet to component drying Chamber same as oven chamber. So that compressor hot air can be used in place of electric oven .



AFTER

BENCHMARK	39000 unit
TARGET	0 unit
KAIZEN START	15.10.2014
KAIZEN FINISH	30.10.2014

TEAM MEMBERS :-
1) Jasbir Kumar
2) Satish Kumar

BENEFITS :-
1) **Yearly Energy cost Saving** Rs. 214500.
2) Capacity Increase 480nos / day

KAIZEN SUSTENANCE

WHY-WHY ANALYSIS :-

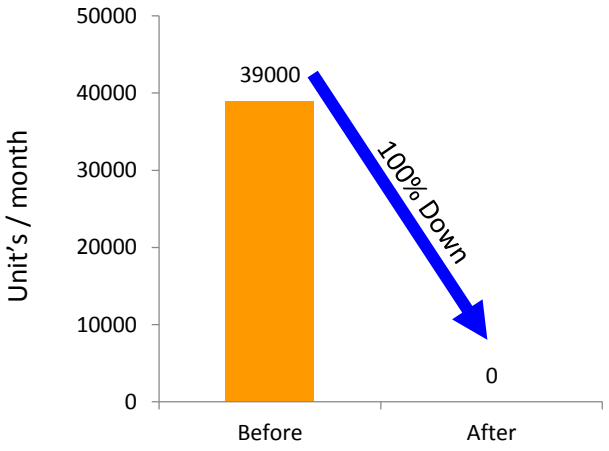
WHY1 :- High Electric Energy consumption on Cromodizing dryer station (to dry Fuel Cock Model – D104 No.-JZ171809) Consumption - 3250 Unit per month.

WHY2:- Drying through electric oven.

WHY3:- Conventional source of Drying.

ROOT CAUSE :- Conventional source of Drying.

RESULT :- **Elimination of Energy consumption (Units)**



WHAT TO DO :- Ir- Reversible

HOW TO DO :-One time Action

FREQUENCY :-

COST INCURRED FOR MAKING KAIZEN

MATERIAL COST RS.	LABOUR COST RS.	TOTAL COST RS.
35000	5000	40000

SCOPE & PLAN FOR HORIZONTAL DEPLOYMENT

SR. NO.	Plant	TARGET	RESPONSIBILITY	STATUS
	.....	.....	.....	.....

REGISTRATION NO&DATE: 2653/ 03/11/2014

REGISTERED BY :-Mr. Jasbir Kumar

MANAGER'S SIGN :-Mr. Amreesh Chauhan