ADVIK

TPM CIRCLE NO :-	ACTIVITY	KK	QM	PM	JH	SHE	OT	DM	E&T	**KAIZEN IDEA SHEET**
TPM CIRCLE NAME :-	LOSS NO. / STEP									KAIZEN NO:- KZ/MNT/17/E/03
DEPT :-M.AINT	RESULT AREA	P	Q	DEF :- A / B / C		C	D	S	M	

CELL :- PDC | CELL NAME:-Holding Furnace | MACHINE / STAGE :- 300 K.G Holding Furnace | OPERATION :- Die casting

KAIZEN THEME :- To reduce the 50% Management loss due to low temperature

IDEA :- Holding furnace element change with new design.

WIDELY/DEEPLY:-

PROBLEM / PRESENT. To reduce the 50% Low Temperature time in PDC4th .

BEFORE

COUNTERMEASURE:- Use the Elements of Silicon Carbide.

AFTER

BENCHMARK	5290 min
TARGET	2645 min
KAIZEN START	15.12.2017
KAIZEN FINISH	30.12.2017

TEAM MEMBERS :-

Mr. Jay Sharma, Mr. Deepak Pandey

Mr. Gaurav Dyaracoty, Dheeraj Chandra

BENEFITS :- Reduce Management loses
Improves production

WHY-WHY ANALYSIS

WHY 1:-Observe the low temperature on Holding Furnace 4.

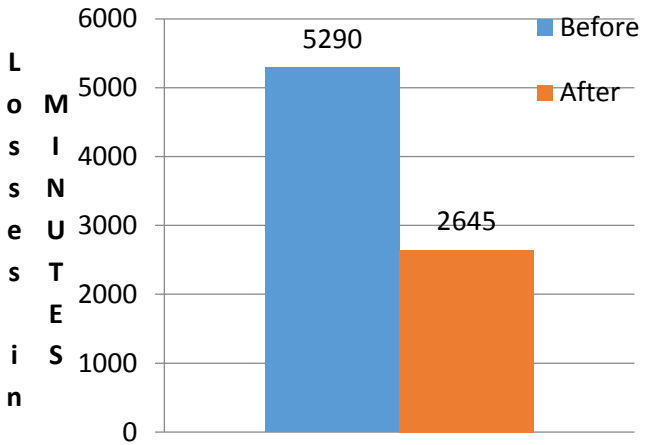
WHY 2:-The design of element was old and Week.

WHY3 :-We have use ceramic rod for thermal Heating have low thermal conductivity.

WHY 4:- The silicon carbide have high thermal Conductivity.

ROOT CAUSE :-The design of element was old and Week.

RESULT :-



KAIZEN SUSTENANCE

WHAT TO DO :- 50% Reduced No Metal Temperature Loss.

HOW TO DO :- By Change the design and metal elements of holding furnace

FREQUENCY :- One Time

KAIZEN REGISTRATION NO:

REGISTERED BY :-

MANAGER'S SIGN :-

SCOPE & PLAN FOR HORIZONTAL DEPLOYMENT

SR. NO.	CELL	TARGET	RESPONSIBILITY	STATUS
1	Machine	PDC-1,2 And 3	Mr.Pramod Kumar	Done