ADVIK

Process Improvement Kaizen

K2	**TPM CIRCLE NO: 2**	**ACTIVITY**	KK	QM	PM	JH	SHE	OT	DM	E&T
	TPM CIRCLE NAME: Joshile	**LOSS NO. / STEP**								
	DEPT: Manufacturing Engineering	**RESULT AREA**	P	Q	DEF :- A	C	D	S	M	

KAIZEN IDEA SHEET
F/IMS/05

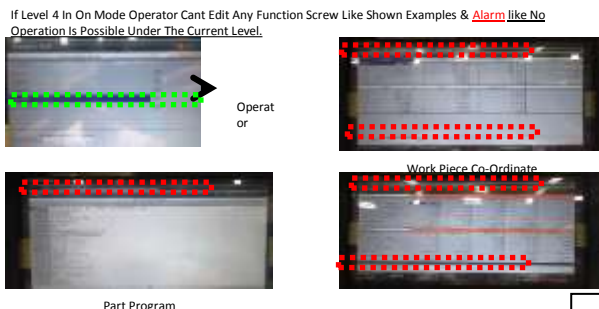| **CELL: A529** | **CELL NAME: Oil Pump Body & Cover** | **MACHINE / STAGE: VMC/Machining** | **OPERATION: Face Milling , Reaming, Drilling & Taping** |

KAIZEN THEME: To eliminate may happen machine accident.

WIDELY/DEEPLY:

IDEA: Process Interlock System to be Implemented

PRESENT STATUS : Present In Brother Machine there is no any interlock System for process tools (Like Program interlock, Tool life, Tool Offset ,WPC offset etc..)

COUNTERMEASURE : :- Process Interlock system implemented by Level wise password & Now there is no any may happen accident due to operator errors.

If Level 4 In On Mode Operator Cant Edit Any Function Screw Like Shown Examples & Alarm like No Operation Is Possible Under The Current Level.

Operator

Part Program

Work Piece Co-Ordinate

BEFORE

AFTER

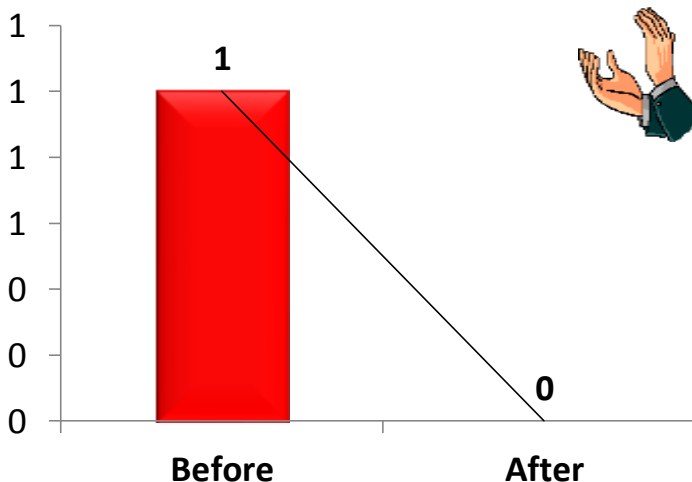| **BENCHMARK**	**01 Nos**
TARGET	**Zero**
KAIZEN START	**29.04.2017**
KAIZEN FINISH	**29.04.2017**

TEAM MEMBERS:

Mr. N.S.Pujari.

BENEFITS:
1)   **Eliminated May happen machine accident**

WHY - WHY ANALYSIS :-

Why1: Present In Brother Machine there is no any interlock System for process tools (Like Program interlock, Tool life, Tool Offset ,WPC offset etc..)
Why2: Chance of may happen machine accident.
Why3: Process Interlock System not Implemented.

ROOT CAUSE:- Process Interlock System not Implemented.

REGISTRATION NO. & DATE: 1609 & 29.04.2017

REGISTERED BY: Mr. Nigamananda

MANAGER'S SIGN: Mr. N.S.Pujari

RESULT:- May Happen Machine Accident

KAIZEN SUSTENANCE

WHAT TO DO : ---
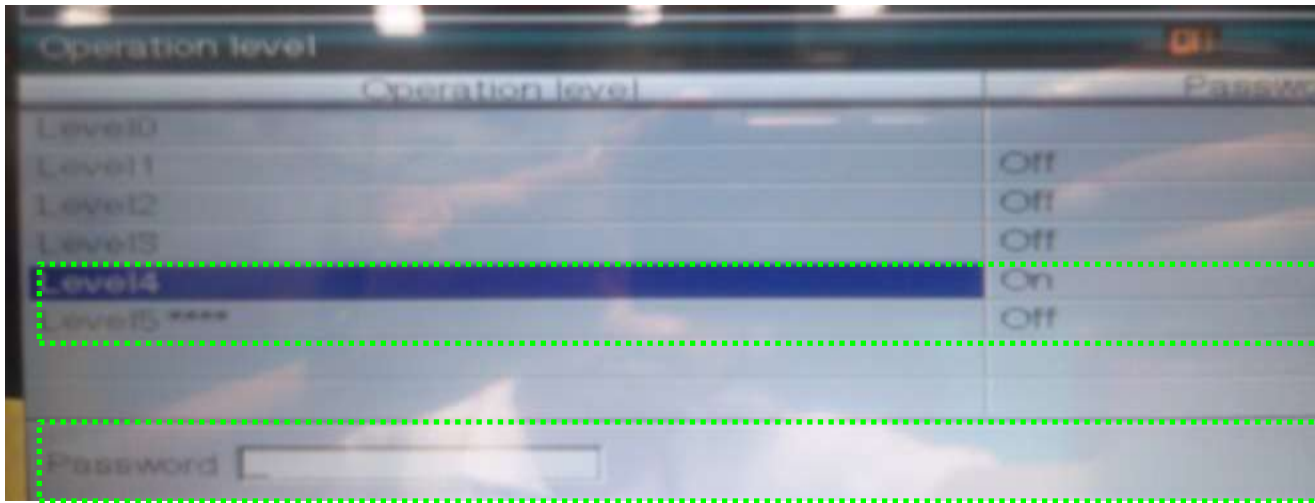**HOW TO DO : ----**
FREQUENCY : 1 Time activity

COST INCURRED FOR MAKING KAIZEN

MATERIAL COST IN RS	**LABOUR COST IN RS**	**TOTAL COST IN RS**
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SCOPE & PLAN FOR HORIZONTAL DEPLOYMENT

SR. NO.	CELL	TARGET	RESP.	STATUS
1	All Brother	30.05.17	N.S.Pujari	Open

Operator

Line Engineer & Maintenance
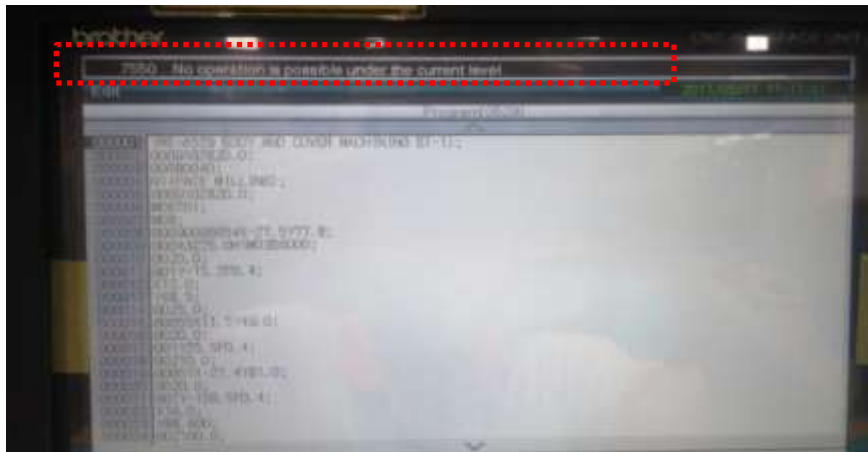
Password Interlock
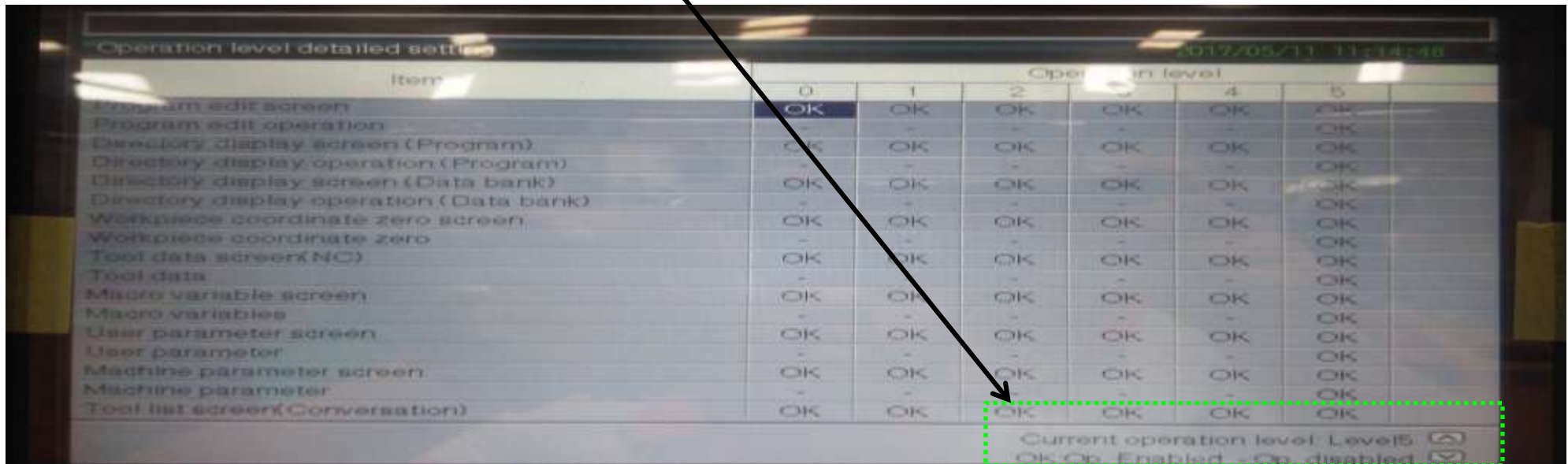
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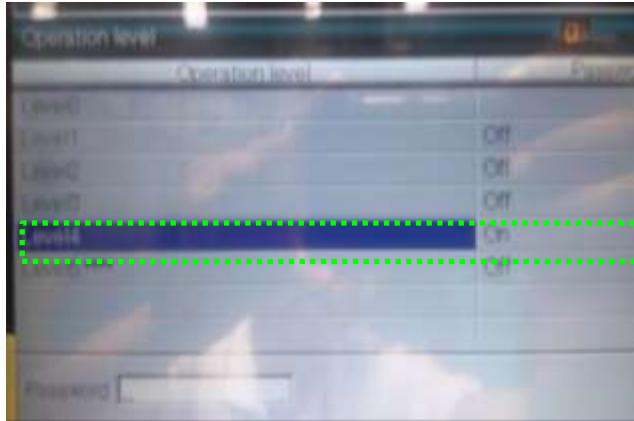
→ Operator

Work Piece Co-Ordinate

Part Program

Tool Offset, Limit Band of Tool Geometry/Wear Offset & Life

PM Schedule Time

Alarm System