



RSWM Limited
an LNJ Bhilwara Group Company



PROUD TO BE INDIAN
PRIVILEGED TO BE GLOBAL

Unit - Kharigram

BEST 5 KAIZEN

September -2016

BEST 5 KAIZEN details

RSWM Limited, Kharigram - Best Kaizen : Sept. 2016

Sr. No.	Department	Kaizen Title	Annulized Benefits in Rs. Lacs	Benefits - Monetary / System Improvement / Time Saving	Kaizen Originator
1	POST SPG M9	Removing of hamming stich & box type stich in all type HDPE bags which adds to extra cost of Rs. 2 / bags , with maintaining same quality of packing of material	2.90	quality of packing is ok & saved Rs. 2 / bags in domestic packing	Sh. SP Vaishnav
2	MAINT M1-3	There was a frequent wear out of stud with 176 T Gear in NMM Doubling.	.085	We have cut Bearing sheet and fix a 6203 Bearing to reduce wear out of stud and saved breakdown and replacement cost.	Sh. Hukma Ram
3	ENGG UTILITY	there is simple straight line of steam in steam Dryer &The condense water of steam is coming with the steam in the Steam dryer machine.	0.55	We have fabricated a new band and fix it on the line. By this band the condense water of steam is not coming in the machine	Sh. Niranjn Kr.
4	ENGG M9	M9A Ring Frame 1 to 12 Power cables and PDBs were creating unsafe condition in RA Trenches & Inverter Room.	SAFETY	New PDB Room for RF1 to 12 identified and fixed two new PDBs and shifted RF 1 to 12 from exisiting PDB Room thus improved Safe Electical Installtion under Fire prevention activity.	Sh. Rang Lal
5	ENGG M4-6	The tube conveyor belt of the machine is having no monitoring of running in elevated belt before . So, due to this when jamm occurs motor gear box problem faced out many times.	SAFETY	Now installed the sensor for running monitoring which will cut off motor contactor at jamm condition.	Sh. Ramprasad

KAIZEN SHEET

KAIZEN Theme : Removing of hamming stich & box type stich in all type HDPE bags which adds to extra cost of Rs. 2 / bags , with maintaining same quality of packing of material

Unit No./Mill No.: 9
 Location : Packing
 Date : 4.09.16
 KAIZEN No. 1



BEFORE KAIZEN

Observation-: We were using HDPE bags with hamming & box type stich which adds to extra cost of Rs.2 / bags.

Category : (Tick right one)

- 1. Productivity (P)
- 2. Quality (Q)
- 3. Cost (C) ✓
- 4. Delivery (D)
- 5. Safety (S)
- 6. Environment (E)
- 7. 5S

AFTER KAIZEN

Observation : quality of packing is ok & saved Rs. 2 / bags in domestic packing . **Annual cost saving Rs. 2.90 Lacs**

Benifit :

Tangible / Intangible

Tangible Gain Calculation (If applicable)



Sustenance Plan


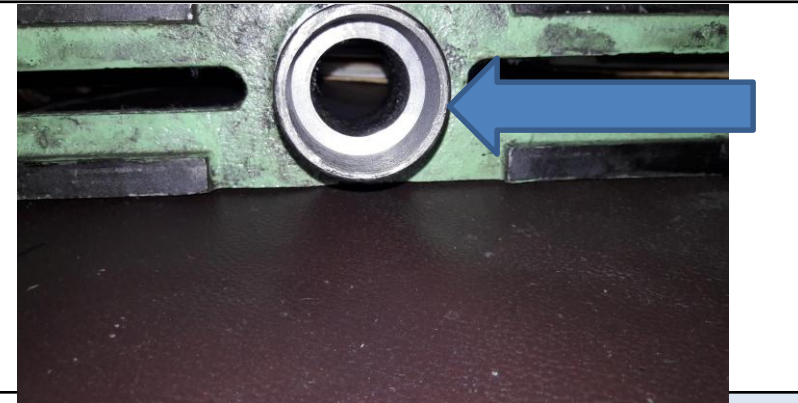
Scope and plan

Identified By: S.K.Chaubey
 Implemented By: S.P.Vaishnav
 Approved By : S.K.Chaubey

S
N

Activity

Resp. Target

AUTO CONER	KAIZEN SHEET				Unit No./Mill No.: 2 Location :DOUBLING Date : SEPT2016 KAIZEN No.: RSWM KGM_09_16_01															
	KAIZEN Theme : Bearing Sheet cut in stud and put bearing 6203 to reduce frequent damage of stud with 176 t gear in NMM Doubling				Category : (Tick V right one)															
	BEFORE KAIZEN Observation: THERE WAS A FREQUENT WEAR OUT OF STUD WITH 176 T GEAR IN NMM DOUBLING				<table border="1"> <tr> <td>1. Productivity (P)</td> <td></td> </tr> <tr> <td>2. Quality (Q)</td> <td></td> </tr> <tr> <td>3. Cost (C)</td> <td>√</td> </tr> <tr> <td>4. Delivery (D)</td> <td></td> </tr> <tr> <td>5. Safety (S)</td> <td></td> </tr> <tr> <td>6. Environment (E)</td> <td></td> </tr> <tr> <td>7. 5S</td> <td></td> </tr> </table>		1. Productivity (P)		2. Quality (Q)		3. Cost (C)	√	4. Delivery (D)		5. Safety (S)		6. Environment (E)		7. 5S	
1. Productivity (P)																				
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3. Cost (C)	√																			
4. Delivery (D)																				
5. Safety (S)																				
6. Environment (E)																				
7. 5S																				
	AFTER KAIZEN Observation : WE HAVE CUT BEARING SHEET AND PUT 6203 BEARING TO REDUCE WEAR OUT OF STUD IN NMM DOUBLING.				Benefit : STUD WITH 176 T GEAR COSTLY APROX 1700/Rs Tangible Gain Calculation (If applicable) 1700 * 5 =															
Identified By: HUKMA RAM MALI Approved By : Sh A.K.Dubey Implemented By: R.K.Yadav	Sustenance Plan				Scope and plan (Horizontal Deployment)															
	S	Activity	Resp.	Target																
	N																			

KAIZEN SHEET

Unit No./Mill No.: Mill no- 9b
 Location: STEAM DYER LINE
 Date : 08/09/2016
 KAIZEN No.: 3

KAIZEN Theme :Fabricated a new band on steam Dryer line.



BEFORE KAIZEN

Observation : Before Kaizen there is simple street line of steam in steam Dryer &The condense water of steam is coming with the steam in the Steam dryer machine.

Category : (Tick v right one)

1. Productivity (P)	✓
2. Quality (Q)	✓
3. Cost (C)	✓
4. Delivery (D)	
5. Safety (S)	
6. Environment (E)	
7. 5S	

AFTER KAIZEN

Observation : After Kaizen We have fabricated a new band and fix it on the line. By this band the condense water of steam is not coming in the machine.

Benefit :

By this band we are increase life of Steam Coil Dryer machine.

Tangible Gain Calculation (If applicable)

One Steam Coil change in every year
 55000/-

Identified By: Sh. Laxman

Sustenance Plan

Scope and plan (Horizontal Deployment)

Approved By : Sh Sanjay Vishnoi

S
N

Activity

Resp.

Target

Implemented By: Sh R.S. Chouhan

KAIZEN SHEET

Unit No./Mill No.: M-9
 Location: Ring Frame Tower
 Date : 2/09/2016
 KAIZEN No.: 04

KAIZEN Theme : Inverter shifting in new DB Room.



BEFORE KAIZEN

. Inverter shifting in New DB Room.

Category : (Tick ✓ right one)

1. Productivity (P)	
2. Quality (Q)	
3. Cost (C)	✓
4. Delivery (D)	
5. Safety (S)	✓
6. Environment (E)	
7. 5S	✓

AFTER KAIZEN

Previously all 24 ring frame inverter were were installed in one DB room near the Khata Gate. We shift 1-12 ring fram in other nearest side of these ring frame. It gives many benefits, like- will stop fire spreading in other section, cable heating less copper loss, extra cable removed.

Benefit :

Tangible Gain Calculation (If applicable)

Identified By: Sh. Rang Lal

Approved By : Sh. AS Rathore

Implemented By: Sh. Narendra Singh

Sustenance Plan

Scope and plan (Horizontal Deployment)

SN	Activity	Resp.	Target
1		Narendra Singh	

KAIZEN SHEET

KAIZEN Theme : TUBE CONVEYOR 338 AUTOCONER

Unit No./Mill No.: 5

Location : Auto Coner no.1

Date :01 /09/2016

KAIZEN No.: 01

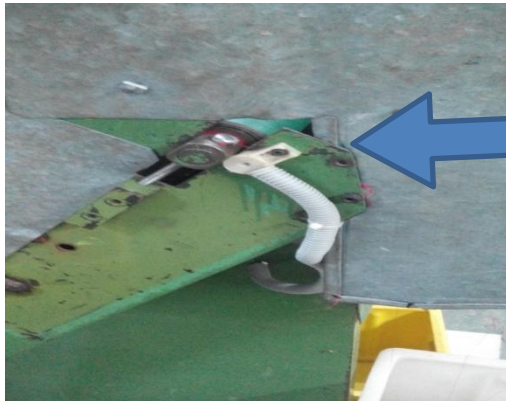


BEFORE KAIZEN

Observation : The tube conveyor belt of the machine is having no monitoring of running in elevated belt before . So, due to this when jamm occurs motor gear box problem faced out many times.

Category : (Tick v right one)

1. Productivity (P)	
2. Quality (Q)	✓
3. Cost (C)	✓
4. Delivery (D)	
5. Safety (S)	
6. Environment (E)	
7. 5S	



AFTER KAIZEN

Observation :Now installed the sensor for running monitoring which will cut off motor contactor at jamm condition.

Benefit :

Will reduce gear damages & minimize breakdown.

Tangible Gain Calculation (If applicable)

Identified By: Mr. RAMPRASD

Approved By : Sh S.K.GUPTA

Implemented By: PRATAP

Sustenance Plan

SN	Activity	Resp.	Target

Scope and plan (Horizontal Deployment)



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Thanks

Arvind Singh Rathore
Manish Gupta