

RSWM Kharigram - KAIZEN Selection Sheet for April 2016											
S.N	Department	Kaizen No.	KAIZEN Description	Annualized Benefit Rs. lacs	Status after Kaizen	BKV	HK	SV	RKY	GV	Total
100	ENGG UTILITY	K - ENGG UTILITY 04	Mill no.9 LR R/F ,Cdg & s/f at Rotary filter LUWA Make in H Plant. This gear box is supply by LUWA and very light duty .	1.96	We have modification in LUWA Rotary Filter and fixing of old gear box on rotary filter .This gear box removed from blender M/C. So we had used on rotary filter LUWA. in mill no.6 and 9 R/F ,Cdg , S/F & TFO and Frequently failure rate is reduced .	9	20	19	19	20	87
97	ENGG UTILITY	K - ENGG UTILITY 01	PH sensor broken in frequently in ETP Lab	0.52	We have made the cover of PH Sensor by Teflon material in work shop .So, this is not broke the sensor. Sensor broke /Failed in twice time in years.	10	11	18	20	18	77
83	ENGG SJ11	K - ENGGSJ11 03	Optimization of Lighting illumination in south & north alley	0.10	We switched off total-30 Light due to good illumination.	18	14	12	6	11	61
107	DYE HOUSE	K - Dye House 01	WE HAVE TO HOLD DYED BAG OF BIG MIXING TILL MIXING RELEASE TO SPG&BLOWROOM AND AFTER THAT DYED BAG DIRECT TRANSFER TO SPG BLOWROOM FROM D/H.	1.23	We have Financial Benefit in this kaizen because dyed bag transportation Charge from dye house to raw material godown(RMG) And RMG to spg blowroom are in direct saving and quality of bag maintain due to less wear &tear of bag.	5	18	14	10	10	57
72	ENGG M9	K- Engg M9 -02	Original Servo Motor of Speed Frame from CTMTC costs approx. Rs. 3.50 Lacs	2.30	explored Indian source in Lenze and procured in low cost as Rs. 1.20 Lacs with same specification and installed on Speed Frame		17	15	5	19	56
102	ENGG UTILITY	K - ENGG UTILITY 06	We have collect the APH ash on trolley .	0.73	We have modification on APH and APH ash Supply in direct feed on Boiler by forced air pipe.	8	7	20		17	52
65	ENGG M1-3	K- Engg M123-02	Street Light Operated Automatically	0.05	After Kaizen we save energy and also human error .	19	6	11		14	50
63	MAINT SJ11	K - MAINT SJ11 02	IN LD2 DF AFTER BKG OF SLIVER MC IS CONTINUOUS RUNNING DUE TO THIS HEAVY JAM OCCUR AND ALSO QUALITY IS ALSO AFFECTED		USE PHOTO CELL IN THIS AREA SO WHEN THE SLIVER IS BREAK MC WAS STOP IMMEDIATELY	20	8		12		40
90	ENGG SJ11	K - ENGGSJ11 10	Packing Boxing Line sensor damage problem	0.07	We have fixed inhouse made clamp for sensor safety.	11		7	18	3	39
81	ENGG SJ11	K - ENGGSJ11 01	Drawframe LD-2 Touch Display got defective frequently due to heating problem.	0.27	We have shifted the position of display to comfortable environment with help of LMW.	4		17	11	6	38
66	ENGG M1-3	K- Engg M123-03	Blow Room Upper Lattice Motor	0.15	We Have Financial Benefit In This Kaizen regarding energy saving and also motor life increased due to this because at torquing time motor running smoothly			10		16	26
85	ENGG SJ11	K - ENGGSJ11 05	Ringframe Maint Department facing problem for charging of Tap Jointing machine.		We have fixed separate single phase power supply board.	13	13				26
73	ENGG M9	K- Engg M9 -03	Oil leakage arrest of 2.5 MVA transformer of M-9B (11KV/430 V)		Leakage stop. Oil was leaking about 10 ltr per month. It was idle. Now it is ready to charge.			9	16		25
77	ENGG M9	K- Engg M9 -07	In packing Tube light for Cone checking were fixed in normal.		Fixed Aluminium Reflector on all Tube Lights for focused light which improves checking of Cones		16	8			24
86	ENGG SJ11	K - ENGGSJ11 06	Luwa Jumbo display identification not mention.		Luwa Jumbo display identification done.	12	12				24
38	POST SPG M1-6	K - PS M1-6 02	We were facing poor working, and 3 Ply problem, tight wdg, low productivity in multi fold yarn, in new PS cheese wdg mill no 4.		Fixed round type balloon hook with ceramic and a road to avoid 3 ply problem, tight wdg, and entangled the yarn in balloon hook , to increased production as well as quality of cheeses.	3	19	1			23
82	ENGG SJ11	K - ENGGSJ11 02	Finisher Drawframe LR5B851 Touch Display got defective frequently due to heating problem.	0.27	We have shifted the position of display to comfortable environment with help of LMW.			16		5	21
106	ENGG UTILITY	K - ENGG UTILITY 10	Kaizen in behind ADM. Water was not coming in ADM storage water tank due to pipe choke by Tree Root .	0.32	Kaizen in behind ADM.Water was not coming in ADM storage water tank. We have replace the HDPE Pipe 7"by in house team and start the water with in 12 hrs.			13		8	21
13	SPG M4-6	K - SPGM4-6 08	Middle Condenser missing and tilting problem in Toyota FL16 simplex no.2 in mill no.5		After kaizen Electrojet type Fixed Middle Condenser put on the machine	16	3				19
74	ENGG M9	K- Engg M9 -04	Street light were being switched ON & OFF manually		Installed Time Switch to faciliate Street light ON OFF Automacice which saved Energy also.				15	4	19
23	SPG M9	K - SPG M9 07	Piecer bag were thrown after stitch off		Piecer bag reused after stitching	17					17
57	MAINT M4-6	K - MAINT M4-6 02	In Ring frame room oil taking system not proper		Modified Oil trap Used to take out oil from drum.				17		17
31	SPG SJ11	K - SPG SJ11 05	There was no any monitoring for FIFO system in FDF material		Now we introduce a prep checker checklist for monitor FIFO system in FDF material	15					15
40	POST SPG M9	K - PSM9 01	IN ACX5 AUTOCONER BOBBIN CONVEYOR BELT MOTER SAFETY GUARD FIXED FOR THE SAFETY OF MOTER.		MOTER LIFE INCREASED BY ITS SAFETY WITH GUARDS		15				15
69	ENGG M4-6	K- Engg M4-6-02	Blow Room Gear Motor Run With Drive	0.08	Blow Room Motor Run Smoothly and gear not damage					15	15
71	ENGG M9	K- Engg M9 -01	To spare Blendomat, it was necessary to run Line 1 with GBC but there was no Panel supplied fromn TIPL		Create new small control panel in existing EGS panel and run the GBC so that blendomat nmay send at CTL	1			14		15
109	IT	K-IT-01	There was a change in base of Packing line Software, As software was taken from out side, order was placed to party for customizing the same. Party not responded even after many follow ups, GM-IT motivate internal team to take it as a project and developed in house only, Amendment made in Packing line software, for the addition of new line of M-9 in house and cancelled the placed order, this Kaizen saved Rs. 0.35 Lacs one time	0.35	Its moved on live and working on order in M-9 Packing	6				9	15
27	SPG SJ11	K - SPG SJ11 01	Slit cleaning and doffer cleaning boy use RF bobbin as handle in bottle brush		Now we introduce wooden stick as handle in bottle brush	14					14

48	QAD SJ11 & M9	K - QAD SJ11 01	Requirement of 4 printers for UT-5&UT-4 & 2 PC of QAD –SJ-11.		02 Printer use in place of requirement against 04 printer. (One printer between UT-5 & UT-4 machines & one printer between two PC of QAD –SJ-11) Due to this saving 02 printer cost.					13	13
103	ENGG UTILITY	K - ENGG UTILITY 07	Mill No.1 Worker toilet Exhaust Fan and Bed smell spread in khatagate side.	0	We have installed the duct and fitting on Toilet Exhaust for avoid the bed smell in Khata Gate.				13		13
12	SPG M4-6	K - SPGM4-6 07	Nose Bar strips Changed in FL16 Toyota simplex no.2 of mill no.5		After Kaizen Put new types Nose Bar strips and Bottom apron Breakages reduced and No Idle spindles in the Machines.		4		8		12
49	QAD SJ11 & M9	K - QAD SJ11 02	4 AC use for maintaining lab temperature.		02 AC alternate use for power saving in place of 04 AC for maintaining lab temperature.					12	12
61	MAINT M 9	K - MAINT M9 04	Rubber Micro dust not properly exhausted out because of one exhaust fan . It is Harmful to Human being . Cot quality also deteriorates because Microdust accumulated on Cot surface . Maintenance room get accumulated with microdust .		One more exhaust Fan is provided near Cot Buffing machine for Proper exhaust of Micro dust . Now Human point of View safe working in Buffing room . Cot quality not deteriorates . Now maintenance room is Clean				9	1	10
98	ENGG UTILITY	K - ENGG UTILITY 02	Transport Area near store. There is required of Dirking water.	0.06	We have arrange the drinking system with pipe line 1"laying by in House team .		10				10
99	ENGG UTILITY	K - ENGG UTILITY 03	Boiler Duct chock by Pet coke Ash in frequently ,So , removed the ash of duct from ID fan and during ID fan stop.		We have MS Duct cutting by gas cutter for opening with window cover for removed the Ash.		9				9
91	ENGG SJ11	K - ENGSJ11 11	Packing Boxing Line sensor damage problem	0.07	We have fixed inhouse made clamp for sensor safety.		6		2		8
32	SPG SJ11	K - SPG SJ11 06	Bobbin status(final /introduce) was random .So facing difficulty to find status		Easy to find bobbin status				7		7
104	ENGG UTILITY	K - ENGG UTILITY 08	store Room Which is Behind of workshop. The material is not present in right area And the material is not found at right time.	0	In the store Room. The Material is present in right area of room. And The Rom is maintained for 5s.	7					7
7	SPG M4-6	K - SPGM4-6 02	Addition of 24 spindles in Simplex no.1 and making the machine with 120 spindles in place of 96 spindles		After Kaizen 24 Spindles added in the machine and 120 spindles machine made.		5				5
101	ENGG UTILITY	K - ENGG UTILITY 05	Lathe M/C thread gera in under B/D FOR Thread .	0.12	Lathe M/C for repairing the gear shaft with make the gear teeth in work shop and lathe M/C Start on with out delay work.			5			5
16	SPG M4-6	K - SPGM4-6 11	Lycra Inlet Eye hole is wider and traverse is more ,causing Lycra out and shining problems		After kaizen Put 3.5 mm lappet hook in place of existing Lycra Inlet hook and kept under observations only on one Spindle in Ring Frame no.14.			4			4
79	ENGG M9	K - Engg M9 -09	PINTER Roving Stop motion cable breaking problem		Plastic Tray fixed on cables which improves 5S & Safety as well as reduce maint cost.				4		4
2	SPG M1 - 3	K - SPGM1-3 02	Their is no net cover on diffusers chances of forgin contaminaians.		Put net cover on diffusers in mill no. -1 for controlling forgin Contaminations.			3			3
76	ENGG M9	K - Engg M9 -06	There was no identification of new Blow Room Line Panel		Proper Identification of Blow Room Line No.4 panel done				3		3
3	SPG M1 - 3	K - SPGM1-3 03	No bobbin racks in department S/f bobbins kept in trollys		preapare racks in department . spare space in department & contamination problem reduce ,good looking & 5Smaintained.			2			2
41	POST SPG M9	K - PSM9 02	Shifted weighing scale monitor of packing line no 1 to reduce worker fatigue		Now it has been fixed on its proper place on U.V.Light chamber & become easy to work & monitor weight of packed material.	2					2
58	MAINT M 9	K - MAINT M9 01	In Autoconer AC X5 Full RF Bobbin fall down directly on Base of Peg . So body gets broken due to direct load .		Rubber Sheet (Old RF Apron) kept below Chute Flap so Cushioning effect causes RF Bobbin first hold and relive it . So avoid damage due to no Direct jerk on body.		2				2
80	ENGG M9	K - Engg M9 -10	There was no identification Main PCC of Mill No. 9 A & B		Proper Identification of PCC of Mill No. 9 A & B done.				2		2
55	MAINT M4-6	K - MAINT M1-3 02	Yarn Trap pipe narrow hole		Modified yarn trap pipe used to increase suction		1				1
67	ENGG M1-3	K - Engg M123-04	Speed Frame 1465 hank meter	0	Increasing production monitoring level due to this kaizen				1		1
1	SPG M1 - 3	K - SPGM1-3 01	Their is no display board in department for worker communications about productivity & efficiency.		Put display board in R/f mill no. -1 & display data for communication of productivity & efficiency etc						0
4	SPG M1 - 3	K - SPGM1-3 04	Before kaizen this partiton not alinment & problem of net tilting		Modify partition looking attractive & 5s maintained.						0
5	SPG M1 - 3	K - SPGM1-3 05	poor house keeping problem in carding frame of mill no. -1		preapare waste box . looking attractive , 5s maintained & improved house keeping.						0
6	SPG M4-6	K - SPGM4-6 01	Identifications(Marking) of switches on Panel of Aero feed Blow room Lines in Mill no.4		After Kaizen Identifications of switches done, Looking attractive,5 S maintained.						0
8	SPG M4-6	K - SPGM4-6 03	Luke warm water needed for making solution in mixing deptt		After Kaizen Provision of steam made to heat water as per need.						0
9	SPG M4-6	K - SPGM4-6 04	Office Size reduced ie made smaller as per need only in mill no.6 Spg/Blow room		After Kaizen Space of Spinning and blow Room Office kept only as per need . Balance space provided for keeping Laps						0
10	SPG M4-6	K - SPGM4-6 05	Plateforms for keeping Laps stocks made in blow Room deptt in Mill no.6		After Kaizen lap Plate form made for keeping laps.						0
11	SPG M4-6	K - SPGM4-6 06	MS Partition put in place of Partition having Perforated Mesh in mill no6 in between Ring Frame no 14&Autoconer no 1.It will help to avoid Contamination problems.		After kaizen MS Partition put in place of Partition having perforated Mesh						0
14	SPG M4-6	K - SPGM4-6 09	Mixing board maintain as per 5S in B/r Mill no. -4		Looking attractive and 5S maintained						0
15	SPG M4-6	K - SPGM4-6 10	Identification of waste room in Mill no.4		After Kaizen it's Looking attractive and 5S maintained.						0
17	SPG M9	K - SPG M9 01	Hygrometer hung with wier & fly entangled		Hygrometer hang properly with pipe & hook						0
18	SPG M9	K - SPG M9 02	Compressed air pipe hang freely		Compressed air pipe fixed in wall with clamp						0
19	SPG M9	K - SPG M9 03	Spray pump cable was lying on floor		A iron stand used to keep cable.						0
20	SPG M9	K - SPG M9 04	Fire diversion panel cables lying freely & fly accumulated		Covered with G I Sheet						0
21	SPG M9	K - SPG M9 05	SF pneumafil duct was opened afeter hiting by trolley during material transportation		SF pneumafil duct gaurd used						0

