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 ouality of cheeses.	3	19	1			23
82	ENGG SJ11	K - ENGGSJ11 02	Finisher Drawframe LRSB851 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 facilte Street light ON OFF Automatice 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.		İ		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	Ì	l			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 INCRESED 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		1			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 planel in exisitng EGS panel and run the GBC so that blendomat nmay send at CTL	1			14	10	15
109	ΙT	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 bru	Ish	Now we introduce wooden stick as handle in bottle brush	14		ł			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 inplace 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					13	13
103	ENGG UTILITY	K - ENGG UTILITY 07	Mill No.1 Worker toilet Exhaust Fan and Bed smell spread in khatagate side.	0	saving 02 printer cost. 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 inplace of 04 AC for maintaining lab					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 detoriates because Microdust accumulated on Cot surface . Maintenance room get accumulated with microdust .		temperature. 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 detoriates . 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 - ENGGSJ11 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 S5.	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 reparing 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				4		4
2	SPG M1 - 3	K - SPGM1-3 02	Their is no net cover on diffusers chances of forgin contaminaions.		Put net cover on diffusers in mill no1 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		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 no1 & 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 attrective & 5s maintained.						0
5	SPG M1 - 3	K - SPGM1-3 05	poor house keeping problem in carding frame of mill no1		preapare waste box . looking attrective , 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.lt 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 no4		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			1	<u> </u>	<u> </u>	0
18	SPG M9	K - SPG M9 02	Compressed air pipe hang freely		Compressed air pipe fixed in wall with clamp		1	1	<u> </u>	<u> </u>	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		1	1	1	1	0
21	SPG M9	K - SPG M9 05	SF pneumafil duct was opened afeter hiting by trolley during material transport	tation	SF pneumafil duct gaurd used						0

22	SPG M9	K - SPG M9 06	Roving bobbin area was not identified		Roving bobbin area identified			0
24	SPG M9	K - SPG M9 08	Broken bobbin basket was not identified		Broken bobbin basket identified with tag			 0
24	SPG M9	K - SPG M9 09	Drinking water tank area was identified		Drinking water tank area was identified with yellow marking tape			 0
26	SPG M9	K - SPG M9 10	RF bobbin were lying in pp bag		RF bobbin are keeping colourwise in racks in bobbin room.			 0
28	SPG SJ11	K - SPG SJ11 02	We observed SF trolley rack broken frequent y due to poor support of rivet.		We install support rod at the bottom of trolley rack			 0
29	SPG SJ11	K - SPG SJ11 03	RF wpg after change was being 10 bobbins, causing one section bbns		RF wpg after change is being 12 bobbins as per section wise fixed spindle			0
	000 0 11 1		left .Wpg bbns spindles was not fixed		number			•
30	SPG SJ11	K - SPG SJ11 04	We have observed some Can plate out, due to spring loose.		We repair can plate	 		 0
33	SPG SJ11	K - SPG SJ11 07	We have observed fibre sample was kept anywhere in B/R office		Now fixed fibre sample area with yellow line as per 5 'S' System			 0
34	SPG SJ11	K - SPG SJ11 08	We have observed doffer clg waste was putting in plastic bags		Now putting waste in defined box.			 0
35	SPG SJ11	K - SPG SJ11 09	Cleaning m/c name display on paper		Name display on standard name plate			0
36	SPG SJ11	K - SPG SJ11 10	Card (17-21) working on 100% Poly which feed from MBO-5(North phase)stopped daily in schedule maint Gen.clg for 1.5 hr. due to CF(1-21) link from south phase luwa filter and CF(22-42) link from north phase luwa filter.		Now CF(17-21) Stop for 45min daily in schedule maint Gen.clg. It is possible by proper planning of prod team & help of service deptt. And increase 220 kg prod /day			0
37	POST SPG M1-6	K - PS M1-6 01	WE HAVE OBSERVED THAT SAMPLE CHESSE / CONE HANGING WITH SUTALI, WHICH IS NOT LOOKING GOOD, NOT IN PROPER EYE RAND AND CREATING CONTAMINATION		To avoid the contamination and GOOD LOOKING , make a sample stand for each TFO to clear visible position, and avoid plastic contamination.			0
39	POST SPG M1-6	K - PS M1-6 03	In multi fold yarn higher breakages, and tight winding due to yarn entangled in balloon hook		Modify the balloon hook and fixed a round type ceramic in hook to avoid the entangled the yarn.			0
42	POST SPG M9	K - PSM9 03	In packing M-9 Cone disc box place fixed with yellow line		Now we have fixed cone disc box place with Yellow line in Packing M-9.			0
43	POST SPG M9	K - PSM9 04	In packing M-9 Weighing balance place fixed with yellow line.		Now we have fixed weighing balance place with Yellow line in Packing M-9.			0
44	POST SPG SJ11	K - PS SJ11 01	Packing power pallet aria not fix.		Packing power aria fix & mark by yellow tape.			0
45	POST SPG SJ11	K - PS SJ11 02	Packing fork liftaria not fix.		Packing fork lift aria fix & mark by yellow tape			0
46	QAD M 1- 6	K - QAD M1-6 01	Physical demonstration of yarn faults for the impact in fabric appearance from the received complaint fabric samples to checkers & deptt. investigators.		To get increased knowledge and awareness in identifying & segregating the faults in running process .			0
47	QAD M 1- 6	K - QAD M1-6 02	Presentation of complaints received on forthnightly basis in cordination meeting along with comparasion to Yr 2015 to get specific action plan for improvements.		For continual improvement in on going process			0
50	QAD SJ11 & M9	K - QAD SJ11 03	By 10 bobbin of R/F machine wrapping was done after maintenance cleaning having less accuracy.		24 bobbin of R/F machine wrapping system of R/F machine (Cover RHS & LHS both side) doing after maintenance cleaning for accuracy.			0
51	QAD SJ11 & M9	K - QAD SJ11 04	Put Emergency call on telephone no" board not maintain in QA Lab .		Put Emergency call on telephone no" board maintain in QA Lab .			0
52	QAD SJ11 & M9	K - QAD SJ11 05	Not Mark by vellow strip for fix area of material handling S/F trolley		Mark by yellow strip for fix area of material handling S/F trolley.			0
53	QAD SJ11 & M9	K - QAD SJ11 06	Not Mark by yellow strip of outside area of sample making loom		Mark by yellow strip of outside area of sample making loom.			0
54	MAINT M1-3	K - MAINT M1-3 01						0
-	MAINT M4-6	K - MAINT M4-6 01	Traverse of Mill no 2 R/F G 5/1 after Premier ultimo traverse no working		Roving guide bar modified and traverse started	 		 *
56		K - MAINT M4-0 01	There was problem in Mill no 5 line no 3 duct chocking		Put SS mouth piece in place of GI mouth piece. Now problem solved.	 		 0
59	MAINT M 9	K - MAINT M9 02	Front Fluted roller under Truing work of RF machines are kept on Floor .		In house Roller stand developed with scrap metals . Now damage of roller is avoided .			0
60	MAINT M 9	K - MAINT M9 03	No direct cleaning point provided in Autoconer AC X5 ON Package belt .		One extra cleaning point is provided to keep area of Package belt clean .			0
62	MAINT SJ11	K - MAINT SJ11 01	IN SF DARAFTING W1 HOUSING BEARING FAILURE IS HIGH.		PROVIDE GREASE NIPPLE IN THIS AREA SO LIFE OF BRG IS INCREASE AND BREAKDOWN DUE TO BRG FAILURE IS REDUCED			0
64	ENGG M1-3	K- Engg M123-01	Speed Frame Display	0.65	We Have Financial Benefit In This Kaizen because many times display physically broken so this frame provide safety			0
68	ENGG M4-6	K- Engg M4-6-01	Carding Doffer motror controling switch put on outside	0	Carding Door Panel Lock Damage rate very Low			0
70	ENGG M4-6	K- Engg M4-6-03	Carding Main motor protection improve	0	Carding Main motor not trip on torquing time due to on delay timer			0
75	ENGG M9	K- Engg M9 -05	There was nno Identification on Power house of Mill No. 9		Proper Identification for Engg Deptt & Power House placed.			0
		14 En an MO 00	Modify the power report to get consumption section wise.		Power Report become more analytical to find out losses sesction			 0
78	ENGG M9	K- Engg M9 -08				 	 	0
78 84	ENGG M9 ENGG SJ11	K - ENGGSJ11 04	Management has decided to sell the damage Packing boxing line m/c.		We have checked & taken out useful electrical & electronic spares.			0
			Management has decided to sell the damage Packing boxing line m/c. Observe & require Safety Marking		We have checked & taken out useful electrical & electronic spares. Safety Auto Glow marking done on South Phase BTS Parking Poles.			 -
84 87	ENGG SJ11	K - ENGGSJ11 04					 	0
84 87 88	ENGG SJ11 ENGG SJ11	K - ENGGSJ11 04 K - ENGGSJ11 07	Observe & require Safety Marking		Safety Auto Glow marking done on South Phase BTS Parking Poles.		 	0 0
84 87	ENGG SJ11 ENGG SJ11 ENGG SJ11	K - ENGGSJ11 04 K - ENGGSJ11 07 K - ENGGSJ11 08	Observe & require Safety Marking First add box was not available in Power House.		Safety Auto Glow marking done on South Phase BTS Parking Poles. We have fixed first add box.		 	0

94	ENGG SJ11	K - ENGGSJ11 14	Linc Coner CBF Sensor cable cutted from coarser yarn.		We covered the cable PU tube & properly Dressed.			0
95	ENGG SJ11	K - ENGGSJ11 15	Quenching tank identification not present.		Quenching tank identification done.			0
96	ENGG SJ11	K - ENGGSJ11 16	During fire diverter testing, the lid has been thrown away due to the forced air with waste material.		Lock the lid by using flat strip.			0
105	ENGG UTILITY	K - ENGG UTILITY 09	store Room which is behind in the workshop. There is not Present the Rake in Wall.	0	in store Room. There we have fix a Rake in the Wall. In this rake we are Store the material.			0
108	DYE HOUSE	K - Dye House 02	After segregation wall Increase up height Generated Colour fibre fly by wet opener of dryer not mixed with other dryer dyed fibre and minimise contamination.	0	Neat & clean area for working and free from contamination.			0
110	Stores & Purchase	K - S&P 01	Proper Exhausting not Available in Main Store.		We fixed exhaust system for proper humidification & also used Day Light.			0
111	Stores & Purchase	K - S&P 02	Improper Visual surveillance in store due to difficulty in Monitoring.		We fixed CCTV cameras in store & receipt department for proper Visual Surveillance.			0
112	HRD	K - HRD - 01	Papers & files were not in systematic on table.		We used In-Out tray for papers & files.			0
113	HRD	K - HRD - 02	Files was not properly placed in Almera		We segregate the files with department wise & properly tag the file for ease of working.			0