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# Characteristics of Yarn Made from Medium Staple Cotton Fiber

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**ABSTRACT:** The present article is the result of the introduction of a quality control system for the enterprise in the production of medium from recycled yar-fiber cotton fiber.

**KEYWORDS:** mill, spin, re-spin for sp yar, network density line, raw materials, cocoon, roughness indicators, quality management, statistical't Stack, qualimetry, consumer.

## I. INTRODUCTION

Of the conditions in the world market, the demand for elegant, hygienic fabrics, clothes, knitwear, non-woven fabrics and is growing. The requirements include the liberalization and development of the Uzbek economy, highway, overdose of raw materials and semi-finished products, finished products and further increase the production of competitive export potential, the passing of our industry, ensuring high quality of production at the mill of the spin of the premium yar equipped with modern equipment and technology [1].

Discover the textile was largely depends on the quality of smoothness. Nowadays, the demand for recycled discover that is growing day by day. Re-yar are for sp for sp in dementia from long fibers or a mixture of the traditional technology with medium-cotton fiber. That's why I re-discover that spin so expensive. Equipping with advanced technology has made it possible to work in the mill of the spin medium-cotton fiber re-spin system.

Discover the proper selection of the amount which during the re-spin and the purity of the process is important to ensure rid of the raw material of who discover and ali [2].

Tests were not conducted to study the effect on the quality of the process and the product of the amount of recycling raw let you discover.

## II. METHODOLOGY

The test was carried out in accordance with the plan of the spin Jizzakh Textile. 5-I in the enterprise; 5-II; a line, with which he would com network density  $T = 19.5 \text{ tekc}$  ( $N_e = 30$ ) was from 4 sp for the compound I.

Yar yar products and raw performance was studied and compared with that at all stages of the production of the approved regulatory indicators, and the recycling of neps were determined in the prepared saw the system "Stack the afl, the rp-2," and in table 1. summer up.

Table 1  
Index of tissue nep redistributed

Indicator	the enterprise	number of neps	Neps average	surface nepses the number of
Neps	"Jizzakh textile"	65	61,2	28

The analysis showed that the number of nipples replenished the enterprise in this table was small.

Stay on the next testing process, the company's spin machine has been produced in line with the ring of a 19.5 a kick yar network density ( $N_e = 30$ ), the quality of which was tested on a modern system "stack tester 5". The result of the test of experiment were compared with the international standard stack linear statistics in 2018.

iscover the roughness of the spin of the sp was detected on the machine is on the stack Tester 5-S400. The quality characteristics of the sample are shown in table 2 iar for the sp.

Table 2.

Quality indicators of network density textile line Jizzakh T = 19.5 tekc (Ne = 30)

The total test: 8/8 single test (s)

Nr	%For	my cv %	cv I, 1 I, %	cv I 10 I %	th, and -30% /km	Thic -/km	- Thick +35% /km	th, and +50% /km	Neps +200 /km	Neps +280 /miles	sh	H
1	9,13	11,51	3,19	1,88	587,0	0,0	123,0	8,0	41,0	5,0	1,51	7,03
2	9,16	11,54	3,31	1,80	573,0	0,0	133,0	13,0	44,0	8,0	1,45	6,89
3	9,20	11,63	3,49	2,03	634,0	1,0	181,0	14,0	46,0	4,0	1,45	6,50
4	9,05	11,41	3,20	1,87	603,0	0,0	142,0	6,0	33,0	4,0	1,51	6,70
5	9,16	11,53	3,33	2,01	633,0	0,0	124,0	9,0	26,0	2,0	1,45	6,70
6	9,16	11,56	3,16	1,83	641,0	0,0	150,0	11,0	35,0	7,0	1,46	6,58
7	9,14	11,54	3,14	1,78	633,0	1,0	184,0	10,0	44,0	3,0	1,69	7,18
8	9,14	11,54	3,21	1,92	647,0	0,0	146,0	10,0	32,0	4,0	1,40	6,62
me I	9,14	11,53	3,25	1,89	618,0	0,3	147,9	10,1	37,6	4,6	1,49	6,77
CV	0,5	0,5	3,6	5,0	4,4	185	15,9	25,6	19,0	43,1	5,8	5,3
S	0,04	0,06	0,12	0,09	27,5	0,5	23,5	2,6	7,2	2,0	0,09	0,24
Q95	0,04	0,05	0,10	0,08	23,0	0,4	19,6	2,2	6,0	1,7	0,07	0,20
Max	9,20	11,63	3,49	2,03	647,0	1,0	184,0	14,0		8,0	1,69	7,18
Min	9,05	11,41	3,14	1,78	573,0	0,0	123,0	6,0	26,0	2,0	1,40	6,50
USPO		<5				<5	<8	<5	32		35	61

Table 3.

The line density of the network Uztex shavat is T = 19.5 tekc (Ne = 30).

Nr	%For	my cv %	cv I, 1 I, %	cv I 10 I %	th, and -30% /km	Thic -/km	- Thick +35% /km	th, and +50% /km	Neps +200 /km	Neps +280 /km	sh	H
1	9,06	11,42	3,525	2,41	25	125	240	0,0	5	35	1,45	6,11
2	8,95	11,30	3,19	1,88	12,5	145	312	0,0	12,5	45	1,40	5,87
3	9,30	11,47	3,26	2,03	40	195	375	0,0	10	57,5	1,50	6,21
4	9,02	11,39	3,21	1,99	5	152	355	0,0	5	42,5	1,48	6,13
5	9,01	11,35	2,91	1,80	10	150	332,5	0,0	7,5	to 52,5	1,46	6
6	9,01	11,38	3,06	1,73	30	147,5	277,5	0,0	15	37,5	1,44	5,91
7	9,02	11,36	3,26	1,63	20	112,5	260	0,0	12,5	45	1,45	6,16
8	8,88	11,24	2,95	1,52	15	142,5	207,5	0,0	5	27	1,47	5,84
me I	9,02	11,39	3,17	1,89	20,5	141,8	288,8	0,0	<b>9,0</b>	42,5	1,45	<b>6,04</b>
CV	to 1.2	1.2 to	5,5	13,4	51	18,2	18,6	0,0	39,7	20	2,1	2,4
S	0,11	0,13	0,17	0,25	10,8	25,8	53,6	0,0	3,6	8,5	0,03	0,14
Q95	0,08	0,10	0,12	0,18	7,5	18,4	33,3	0,0	2,6	6,1	0,02	0,10
Max	9,30	11,74	3,52	2,41	40	95	375	0,0	15	57,5	1,5	6,21
Min	8,88	11,24	2,91	1,52	5	100	267,5	0,0	5	27,5	1,40	5,84
USPO		<5	21	24	5	<15	<44	<5	5	47	40	43



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When compared in the table are the average value, the difference is small and quadratic inequalities knew the line between (9.02; 9.14; and 11.39; 11.53) [3].

Test the results of the analysis on re - comb taran the amount of the difference of 2% is also, quality indicators is really a big difference there is that it is not observe , you can, that is, they stack linear Statistical norms to fit comes in.

Therefore, secondary fiber cotton used at the time of comb taran the amount of high o'rnatma without also required at the level of the spinning ip get that the next test experience also learn we will.

These fights are looking for modern technology in re-the ending ip working out of a standard method has been applied [4].

The quality of the product the problem and assess the issue of kivalimetriya unites scientific fields , we will use the rules. Directory options and experience of people who have re-pilta diagram of uneven, uneven line and spinning of linear and squared ipninganiqlandi pitalangan pilta.

Physical assessment team kvalimetriya kvalimetrik industrial, economic, aesthetic, and with the probability measure is carried out through review of other indicators taqqaslash. Metrological evaluation of this indicator also qp'llaniladi (meters, the sec and others) in relation to the time of etalon kvalimetrik however, in certain periods will change environment and natural conditions in a functional way. Modern methods of probability theory and statistical technique in this area, the public service ko'rasitish nochiziq line and the dynamic programming theory, random processes theory of optimal control theory, systems analysis the concept of quality management in the event of the sequence analysis is applied. Get quality indicator depends on the interaction of a particular approach to the way iyerarxik was formed inthe etiborga explains.

The quality of the random value of the lens is usually full so you can't directly give you the information to summarize complex or ko'satkichlardan the use of integrated quality and quality plays a large role in the age of globalization.

The procedure for the assessment of the quality of the product and methods emphasized in the previous reference, but in practice the amount of quality assessment in all stages of production planning and control with the series ko'satkichlar on the basis of the method of assessment and basic management pirinsiplari we remember.

The purpose of the evaluation and its conditions, a set of quantitative assessment to determine the item can be too, unless it's not.

The texture of the particular assessment be considered in the stage stage harqanday klastik harqanday klastik connected to the set price;

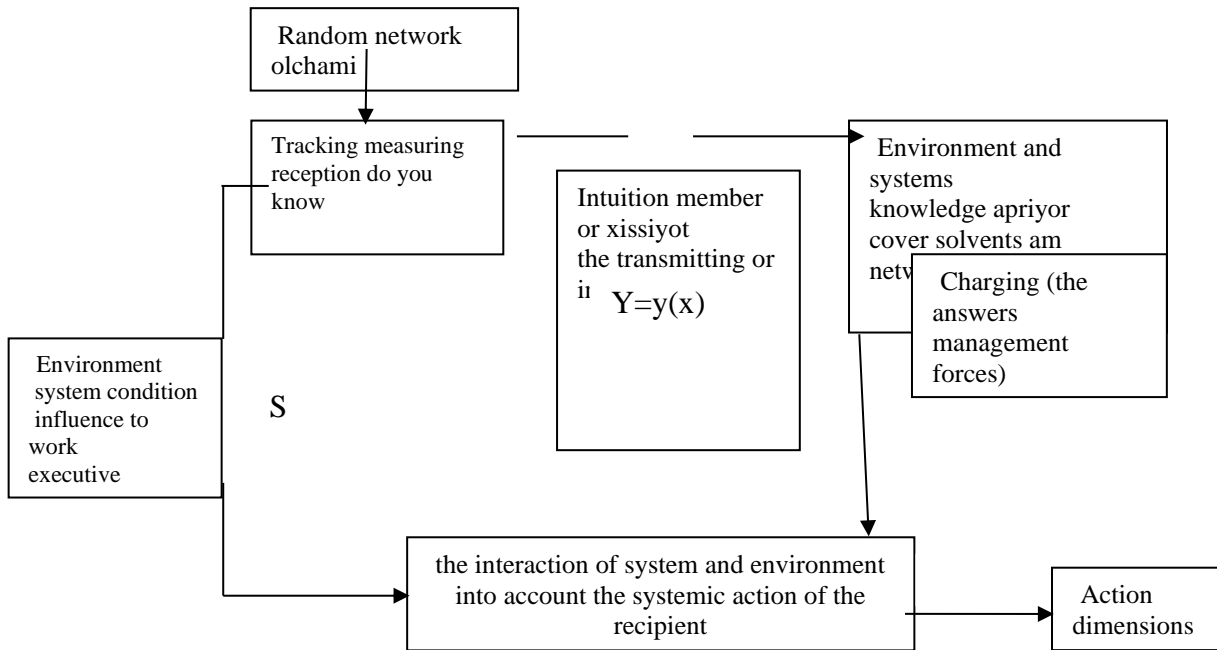
The quality of the items in the review of quality performance at any stage and received depends on the items and the basis ko'satkichlarga.

In the analysis should be on the side of the balance bp'lgan series of actions (tasks) consists of the following:

- kand reap the purpose of representing the essence of the process which is being indicators of the quality of the selection
- tanlangan those who are creating or applying certain methods ko'satkichlarning identify the value of the number;
- sifa development of methods to determine the optimal value of the index;
- smasalalrni based and optimized on the basis of pumps of moments parametrik stamdartlarni optimal selection;
- itmumlashtirilgan style and quality indicators to support the development of procedures aniqalash pirinsiplar;
- mahsu the level of quality that should be set;
- sifa eviristik assessment (expert) method or the development of takominlashtirish;
- sifa of a systematic approach in the assessment and management system link application;
- bmathematical development and analysis of mathematical model of process of developing your aholashning masalalrni;
- mmathematical statistics and probability theory and research in quality from the use of ahsu baholah expansion and hakoza.

There are many methods of evaluation and quality indicators measure the amount kopmleks in all respects. Without summarizing the "quality" of the desire of consumers in the system is owned iyerarxik how the texture, the desire is compatible with.

Mahsulot its complex integrated indicators, quality indicators is useful in the field of outcomes from the use of the product or istemol represents a set of aspects in the assessment of the possibility should be in the amount of such price.



3-point. Please accept the solution is to hypothesis.

You gonna distribution function and random  $s$  and  $x$  the issue of the minimum value with the generation of a shared set of expected tasodifni is charged.

$$MC\{s, y\} = \int_c \int_x c [s y(x)] bootkit(s, x) (1)$$

To do this, the solver function  $y(x)$ , and select the choice should be rational optima. Assessment is also beytis hypothesis using a formula or Neyman-Pirson criterion is made in the classic method of kvadratga or small, the basis is zero and competitive network hypothesis. The theory of statistical hypothesis consists of assessment tasks to solve and check random to receive 2-in the picture are listed.

Here is how the action of the system, the cost of  $c$ (chance) the state of the environment and the environment function.  $y$   $r$ -dimensional  $y=(y_1, y_2, \dots, y_m)$  is big in the solution  $c=c(S, y)$ . in mathematical statistics, human, machine, or system of  $n$ -dimensional  $x = (x_1, x_2, \dots, x_n)$   $x$   $s$  random will make the decision together about the value in mwf.

#### IV. CONCLUSION

In the manufacture of fiber content added to the compound in assessing a medium price option, you can make many conclusions sketchpad graphic views. It is a decisive factor in the decision function:

$$Y=y(x) (2)$$

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