

QUALITY PROBLEMS IN EXPORTING KNITTED PRODUCTS

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Annotation

This article is aimed at further increasing the export potential of the sewing and knitting industry produced in our republic .

Keywords: Export, Import, Customs, technical regulations, requirements.

We know that the textile industry is considered one of the promising industries and is developing year by year. The introduction of new production technologies, the use of high-efficiency modern equipment and at the same time effective management ensure high efficiency of labor and the growth of industrial production volume. The republic, which for many years exported only cotton fiber, today has unlimited opportunities to take a leading position in the world textile market, not only as a supplier of cotton fiber, but also as an exporter of textile industrial products, especially has finished products.

The decision of the President of the Republic of Uzbekistan, Shavkat Mirziyoyev, "2019-2021 to further deepen the reform of the textile and sewing-knitting industry and expand its export potential" opened new opportunities for improving the sector. In accordance with the program, ensuring high and stable growth rates in the republic's textile and sewing-knitting industry, attracting and absorbing foreign direct investments, producing and exporting competitive products , bringing high technologies at the expense of implementation of strategically important projects of modernization, creating new jobs, technological upgrading of enterprises, systematic deepening of structural reorganization aimed at introducing an advanced "cluster" model things are being done.

According to the program, the production of yarn - 2.5 times, finished fabrics - 2.8 times, non-woven materials - 1.5 times, knitted fabrics - 2.7 times, production of sewing products - 3.2 times, knitted products - 2.1 times, production of silk raw materials - 2.1 it was planned to increase the rate. In 2011, the volume of fabric production was 85.63 mln. square meters, by 2020 this figure exceeded 459.2 million square meters and provided a 5.4-fold increase in production volume, our industrial products produced on the basis of this development program are exported to the Russian Federation, China, Kazakhstan, It is exported to Turkey and European Union countries.

2020 year to the end according to From Uzbekistan export done textile the volume of products amounted to 1.86 billion dollars, this is all exports except gold 20 of the volume percent. Textiles of the volume of export of products 70% from more (value in terms of) Russia, China and To Kyrgyzstan right will come.

"Home textile industry" association present reached to statistics according to 2020 Uzbekistan exported textile products worth 1.86 billion dollars 2019 per year compared to 21.2 percent is more. This indicator is 12.3% of the total volume of exports last year (15.1 bln dollars), or excluding gold exports (\$9.3 billion) 20 interest constitutes.

Textiles products export in the composition main share yarn packages (50.7%), also ready knitting and tailoring products (36.3%) occupied According to the data of the State Statistics Committee, in 2020 Uzbekistan's export geography includes 70 countries of the world, to these countries 498 more than one type textile products were sold.

The largest share of export of textile products is Russia (655.5 mln dollars, 35.6%), China (\$403.4 million, 21.6%) and Kyrgyzstan (\$284.4 million, accounted for 15.2%). At the same time, export to the last ranked country volume in terms of value last year relatively 3 times increased.

2020 year to the situation according to of Uzbekistan textile and sewing 14,447 enterprises operate in the knitting industry. Their number is for 2016 relatively doubled. Production of products in the field during the analyzed period output increased by 137.6 percent. Textile industry of economic development to the leader turned, this economy in networks gross added in value share from 2.7 percent in 2016 in 2020 up to 2.79 percent growth proves (Fig 1).

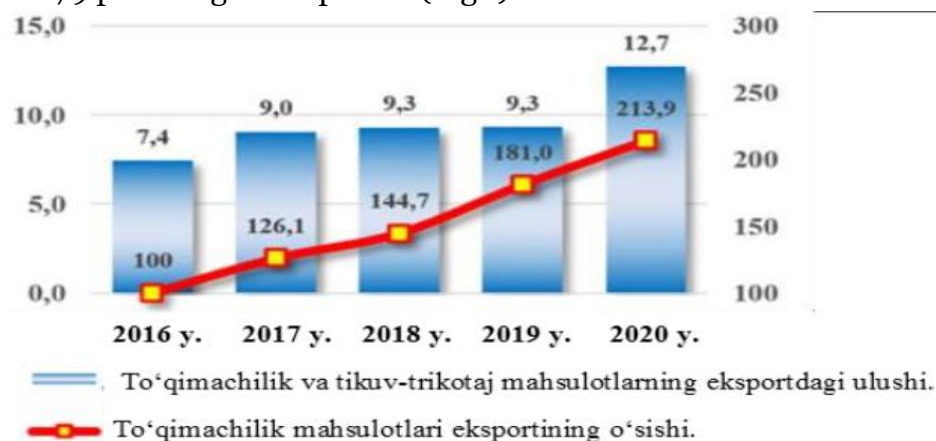


Figure 1. Textile products export dynamics descriptive key indicators. Source: Customs statistics based on reports.

Export potential textile products assortment according to when studied below analysis results received (Andijan in the case of the region (Table 1)).

Table #1

| No | Exporter enterprise name | 2021 year export forecast, a thousand dollar | Product name | Territory |
|----|-------------------------------|--|-------------------|--------------|
| 1 | LLC "Feruzbek text" | 800 | knitting products | Andijan city |
| 2 | LLC "Lionsteel elite" | 100 | knitting products | Andijan city |
| 3 | LLC "Di sloth textile" | 2550 | knitting products | Andijan city |
| 4 | LLC "Marjan investment group" | 3380 | knitting products | Andijan city |
| 5 | LLC "WBM Textile group" | 7133 | knitting products | Andijan city |
| 6 | CHP "Textile plus" | 1210 | knitting products | Andijan city |
| 7 | LLC "Mega east textile" | 272 | knitting products | Andijan city |
| 8 | LLC "Asadbek and textile" | 304 | knitting products | Andijan city |
| 9 | LLC "Gold cloth text" | 3540 | knitting products | Andijan city |
| 10 | LLC "Bobirbek textile" | 285 | knitting products | Andijan city |
| 11 | LLC "Dinar textile" | 13000 | knitting products | Andijan city |
| 12 | LLC "Everest textile and" | 140 | knitting products | Andijan city |
| 13 | LLC "Class tech 2020" | 198 | knitting products | Andijan city |
| 14 | LLC "Manisha textile" | 126 | knitting products | Andijan city |
| 15 | LLC "Barchinoy-group" | 315 | knitting products | Andijan city |
| 16 | LLC "Babur XBK" | 1500 | knitting products | Andijan city |

Above analyses More T-shirt, t-shirt and for inner knitwear, their average price per unit It was found to be equal to 0.51 US dollars. Each of the exported products The average price is 0.45 USD per piece, with the most expensive at 1.59 USD. sweater, sweater, vest and another products sold.

Sewing and knitting products export when the requirements are studied, the first in line to products to be placed quality requirements analysis done.

Table #2 Test sewing in the laboratory knitting products for defined indicators

| | |
|---|---|
| Interstate standard according to | UzTR.148-008:2016 general technical regulation according to |
| Indicators name | Indicators name |
| Normative to the document according to samples special in the journal from the register transfer to accept with | Hygroscopicity % (relative in humidity 98%), less it's not |
| Linear dimensions (stitched rows and columns number, curve) | Air conductivity, dm^3 / m^2 from less it's not.s |
| Disruption load, N, less it's not | Electrostatic field Voltage |
| Minimum permission given of the stitch prolongation. % | Special surface electricity resistance |
| Color stability, honey, less it's not | Formaldehyde |
| Wet linear after processing of dimensions change, % no longer exists. | |
| Hygroscopicity. % (at a relative humidity of 98 %), less it's not | |
| Air conductivity, dm^3 / m^2 from less it's not. s | |

Exporting knitted products produced in Andijan region import the participating countries have given their demands, they as follows:

Table #3

| No | Included in our products requirements normative documents | Russia | Kyrgyzstan | Turkey | Belarus | Kazakhstan, | Japan | Indonesia | Tajikistan |
|-------------------|---|--------|------------|--------|---------|-------------|-------|-----------|------------|
| Main requirements | | | | | | | | | |
| 1 | - ISO 2959: 2011 Textiles products. Textiles of fabrics descriptions | + | + | | + | + | + | + | + |
| 2 | - ISO 3759: 2011 Textiles. When determining changes in dimensions cloth and cloth products samples preparation, branding and to measure | + | + | | | | | | |
| 3 | - Jesus 15831: 2004 clothes. Physiologicalm effect. Thermomanikin on heatinsulation to measure | + | + | | | + | + | | |
| 4 | - ISO 13935-1: 2014 Textiles fabrics. Fabric for extension stitching and properties of fabrics. Part 1. Thread method with of sewing maximum gravity strength determination | + | + | | | + | + | | |
| 5 | - Jesus 2062: 2009 Textiles. In the package yarn A break in the break of one thread with at strength and stretching determination is constant the speed weight the test (CRE) by changing | + | + | | | + | + | | |
| 6 | - ISO 2061: 2015 Textiles. of thread to determine the deflection. Straight awaycount method | + | + | | | + | + | | |
| 7 | - Jesus 2060: 1994 Textiles. In the package yarn Trick method linear density (unitmass per length) determination | + | + | | | + | + | | |
| 8 | ISO 13935-2:2014 Textiles. Fabricsand of them prepared of products of stitches weight features | | | | + | | | | |
| 9 | - TS 1418 Textiles productstab - Textiles products branding for fiber composition. | | | | + | | | | |
| 10 | Oeko-Tex® Standard 100 requirements according to harmful substances try in sightthey are always textile of products to himself special purpose withmanaged. | | | | + | | | | |

Quality indicators of sewing and knitting products placed comparison of requirements analysis

Customs of the union TR TS 007/2011 technical to the regulation according to light industry products for the following general security requirements are set:

- The safety of light industrial products according to the following indicators assessed: mechanical (tensile strength, bond strength, flexibility, impact strength); chemical (harmful chemical of substances into the air and (or) water environment maximum permitted release; their list depends on the chemical composition of the material and (or) of the product determined by purpose); biological (hygroscopicity, the air conductivity, water conductivity, electrostatic field strength, toxicity or local damage index, color strength).

- Light industry products and their work release for used materials the intensity of the smell in natural conditions is 2 points should not exceed.

Textiles materials, of them prepared products, clothes, textile and haberdashery items for safety requirements:

1. Textiles materials, of them prepared products, clothing are characterized by biological and chemical safety, their indicators of the product functional purpose and raw depending on the composition of the material is determined.

2. Clothing and articles depending on the application and contact with the human body first, second and the third layer to their clothes and divided into items.

The first layer is in direct contact with human skin on clothing and items has been products includes for example internal clothes and beds, corset and bath products, summer hats, socks, handkerchiefs, scarves and another like this products.

Second layer clothing and products have limited contact with human skin products includes for example dresses, blouses, worms, pants, skirts, unlined suits, sweaters, jumpers, films, hats (from summer clothes except) gloves, winter socks and that's it similar other products.

Third layer clothes and products second layer clothes above dress up for intended coats, short coats, jackets, cloaks, lined suits and another that's it such as products enters.

Above events analysis reach and enterprises practice learning as a result, in the process of exporting products and trading main problems and technical barriers was studied and the following determined:

Table #4

| | |
|---|--|
| Available problems | Problems eliminate reach according to done affairs |
| In exporting and importing countries products for normative in the documents of norms one different that it is not; | To resolve this issue "Uzstandart" agency belongs to suggestions entered. |
| Adopted "Light industry product safety about". common technical some security of regulation indicators, standards and testing styles in the eye failure to do so; | In product certification, that's it including export oriented product certification in processes, test works in practice in normative documents (GOSTs). Defined norms and test according to styles is being used |
| "Light industry of products general technical information on safety in Annex 1 of the regulation, 2nd and 3rd floor biological safety of knitted clothes (air permeability, surface elec resistance, hygroscopicity). Norms not specified. Also, 1st in the app clothes for painted "paint" of fabric and gauze strength" indicator and standards not included, Russia The relevant technician of the Federation in the regulation (TR-TS 017) are indicators included. | For example: "Iffat Textile" LLC by the Kyrgyz Republic socks made for export product "Light industry of products safety on" Technical Regulation requirement has been tested on, as well as according to the customer's request additionally "paint according to the "strength" indicator All tests are carried out on the product compliance certificate was issued. |
| In manufacturing enterprises conformity assessment (standardization, metrology and testing). of experts lack of | Joint measures concluded with enterprises according to activities, enterprises qualification of specialists at SMSITI proposals were made to increase and Andijon SSM-DK test short in laboratories and departments term from practice pass by qualification increase is being organized. |
| In manufacturing enterprises, in conformity assessment offices and accredited test international in the activity of laboratories sufficiently current standards not done | 193 productions in the region 109 - tests, 85 - international standards for the product were given, measures for their introduction events were developed. Andijan SSM- DK's "Physico-chemical, physical-mechanical accreditation of the testing laboratory a total of 601 test methods per field included, of which 42 foreign standards on, mechanical engineering and testing electrical products in the laboratory, 24 ta test style international standards according to entered. |

In fact too President as noted international standards requirements based on quality management systems current reach – product quality and safety is a pledge. This while present work release our enterprises products the main factor of increasing competitiveness and increasing export potential that means. That's why for international quality management current reach issue, to the product new international "ISO-9001. International quality management" to reach the standard the process is very serious and difficult, affecting the activities of the enterprise and all market entities fundamentally to the new system requires transfer.

Research shows that production enterprises have international quality management system current reach processes complex - systematic approach issues have not yet been fully resolved. As a result, in most cases, businesses only exhibition – at fairs demonstration reach for the most high good quality commodity not only in the production of samples or in the certification process to systematic activity that they must pass is considered processes in sewing and knitting enterprises and until we determine based on the study and analysis of their results, "ISO- 9001. International quality management" is the main strategy of the standard - the enterprise work release (service display) process main quality formative disassembly and their mutual document exchange and internal production stages organic from ensuring that they are consists of done in sequence.

But this in the process each one in the enterprise one of time in itself standardization, metrology, certification, the product to the standard conformity assessment and quality management - management work is complex - systematic is required to be launched. A small interruption or neglect in these processes the situation also lowers the quality of goods (services). Therefore, international problems in most of the enterprises where the quality management system is introduced repeatedly to the body come and conducted actions allow to eliminate these problems.

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