

THE TEXTILE INDUSTRY TO DETERMINE THE AMOUNT OF WASTE AND A FIBER TAXRIR

Iminov Bahrom Ikromjanovich

Assistant, UTF Department, AndSTI

Tel: 998 97 27 19. E-mail: iminov13q@gamil.com

Abstract

Textile industry sex in the fibrous materials titish, savash, comb, pahmoqlash in the process dust, painting, paints prepare, ohorlash, tuklarni will to exert in the process of chemicals, harmful gases are separated out. Textile industry, especially, his starting the process of most of many common harmful ingredients – powder. It all work is the production of sex and the enterprise in the territory of the atmosphere in a long time, landing, flying, walking can.

Introduction

Dust particles of the composition according to the organic and mineral parts are composed. This is his main part of the organic substance of the fiber and its slices (cotton dust in the home to 92-98%) up makes. It is difficult aluminium is, different shape and large in occurs.

Cotton fiber dust home appears which the disease bissinoz as is referred to. That in addition to cotton dust in the home, cotton treatment giving at the time of the mix in the rest of poisonous substances to be can.

Some cases of dust, tiny particles are those of the lung al'veollariga into, for them to be closed as a result of, the lungs work activity reduces, that person of the lungs to full volume, breathing was not, as a result, go-go and the disease to be suffered, that pnevmokonioz diseases exposed to be can.

Dust of man to the body of the effects in determining not only their physical properties, but of them the size also into account them to take is you need. This topic most dangerous size 5 mkm up to that is the dust, because their lungs size 4-5mkm the al'veollariga freely kiraoladilar and them shut they put. Tatqiqodlar the result of dust particles, how tiny, be they in the air so much to hold out that would stand shows.

Textile enterprises in cotton dust to the following way to put in the concentration (YQBK) received has been. This while the powder in the composition $Zion_2$ to is

connected. Sanitary norms come: you powder in the composition ZnO_2 2% than less the amount is, YQBK -6 mg/m^3 , 2, from 10% up is -4 mg/m^3 and 10% from over is, the YQBK -2 mg/m^3 to be quotes.

The sex in the air, dust in reducing the following events are used.

- general ventilation;
- zontlar applying;
- aspiratsiyalash;
- kapsulyatsiyalash;
- from the flange suck;

Textile industry enterprises, mainly aspiratsiyalash, that is, separated out the dust in those areas of self ventilator by absorbed to get the method is applied.

Spinning, weaver's and the knitting factory in almost all cars fans with equipped if it is, they're the dust in the air from the machine absorbed they receive and processing equipment will be sent. That in addition to air flow, this directory technological process is also widely used. Usually dust in the air suck tube air flow speed of 8-14 m/s to be taken. However, research that shows, aspiratsiya of the system main pipe air flow speed of 20-25 m/s I get, this system work, the effectiveness of the high is.

Equipment in the dust in the air reception of the devices, the following requirements is put:

- they directly dust and chubby coming out of the place of the closer and more tightly placed should;
- the structure of chubby movement in the path of the sharp barriers, no, fluent, flat and smooth to be dramatically o'timli them avoided be should;
- installation place the waste in the movement trajectory into account get and them most of a lot that falls to land adapted should;
- push the tube of air in the entrance slits of the machine from dust and chubby, which to the ground close set should, because away from it towards the air speed dramatically decreased has.

Titish spinning factory – first in the improvement of the air cleaning system dust savash in this workshop does dramatically reduce the risk of fire, the second increases the effectiveness of cleaning the air.

Textile enterprises, the main mode of work of the device ventilyator

Ventilyator device location	in system air consumption m ³ /s
Fiber transport	5,5-6,0
Fiber transportation in sex	5,0-5,5
Fiber processing in the flow	7,0
device, the separation of the fibers	to 2.7-3
kondensori Fiber	10.0-11,0

Textile enterprises in determining the atmosphere's concentration of coming out of a few of the dust from the computer (kalorimetr found nefelometrik, titrometrik, indikatsion, optical, and electrical and gravimetrik or standard) if there are other methods, most of them are cotton and comfortable use in the fieldbecause it is the standard method niladi.

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