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## The technical project on designing of installation for varnishing sheets of electrotechnical steel.

1. Purpose: the equipment is intended for drawing a varnish covering on sheets of electrotechnical steel with the subsequent drying. Plate steel will be use in process of produce Stator and Rotor of electrical motor. The equipment represents a complex for the subsequent operations: varnishing and drying.
2. Characteristics of varnished preparations steel plate:
  - 2.1. Dimensions, mm, max 1000 1000
  - 2.2. Dimensions, mm, min 500 500
  - 2.3. Thickness, mm 0,35 ... 0,5
  - 2.4. Weight, kg 1...4
  - 2.5. Drawing of a covering single-, bilateral
  - 2.6. Thickness of a covering, total, a micron 3 ... 7
3. The expected production program, ton/year 4000
4. Factor of working in shifts of work 2
5. Duration of change, hour 8
6. Applied varnishes: -7  
Varnish -7 2313-027.04682.440-97 represents a solution of rubber SKDSN in kerosene.  
A parity of rubber: kerosene 1:2 or 1:2,5 depending on viscosity of rubber. Working viscosity of a varnish 40-45 sec.
7. Drying of varnish -7 is made consistently on zones at existing speed of the conveyor 12 ... 15 m/mines:
  - 1 zone t = 500-600 ;
  - 2 zone t = 400-550 ;
  - 3 zone t = 400-500 ;
8. Desirable type of installation: conveyor
9. A covering of external surfaces of installation heat-resistant
10. The characteristic of an industrial site:  
Height of a premise up to crane ways, m 12  
Presence of dimensional restrictions: as agreed  
Accommodation of installation: 1 floor.  
Total building: 1 floor.
11. Presence of restrictions at moving installation from a place of unloading to an installation site: is not available.
12. The given area for accommodation of installation: as agreed overall dimensions.
13. **Attention!** At the enterprise the analysis of air in a working zone and thrown out in an atmosphere, on presence of harmful factors is constantly made.  
It is required to provide an opportunity of connection to installation of exhaust ventilation.

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Best Regards,  
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Pic.1.



Pic.2.



Pic.3.



Pic.4.