# Рэспублiка Беларусь

# АДКРЫТАЕ АКЦЫЯНЕРНАЕ ТАВАРЫСТВА

# «Шчучынскi завод

# « Аўтапровад »

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Цэнтр банкаускiх паслуг №406 ААТ «БПС-Ашчадбанк»,

БИК 153001369 УНП 500017371

## **На №18189\1** \_\_\_\_\_\_\_\_\_\_\_**от**\_\_\_\_\_\_\_\_\_\_\_\_

# Республика Беларусь

# ОТКРЫТОЕ АКЦИОНЕРНОЕ ОБЩЕСТВО

# «Щучинский завод

# « Автопровод »

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ОАО «БПС-Сбербанк»

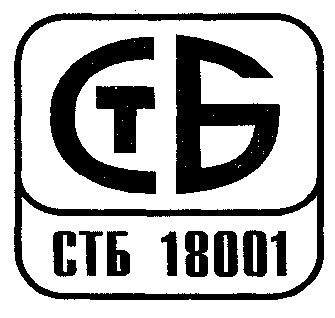
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|  | | № |  |
| На № |  | от |  |

Dear customers!

Due to the increasing requests related to the installation and operation characteristics of wires and cables in the cold season, I pay your attention to the following information:

Operation and installation conditions of wires and cables are regulated by GOST 31996-2012, GOST 31947-2012.

Cables and wires of any design, type of insulation and voltage are recommended to install at zero temperature and above.

At temperatures below zero cable installation should be made after the preheating. Cabling should be carried out after preheating in a short time:

- Not more than 1 hour at the temperature from 0 to -10°C;

- No more than 40 minutes at the temperature from -10 to -20°C;

- No more than 30 minutes at the temperature -20°C or lower.

Cables can be heated in several ways, for example:

- In a warm room or special premises;

- Using the current (heating transformer);

- In a mobile heat trailer.

Heating transformer is used in the absence of warm premise or for acceleration of cabling. Under necessary current cable should be warmed up to the moment when the insulation temperature reaches to 40°C.

According to general safety after heating cable ends are sealed to prevent moisture into warm cable at low environmental temperature. When using current heating at installing, you must install end sleeve or seal section between the insulation by means at hand. When wiring it is necessary to control the cable heating process. Megger insulation resistance measurement should be done before cable heating and after wiring.

Wiring of cables with PVC insulation and sheath can be performed at the temperature not below -15°C. Bending of cables with PVC insulation and sheath should be done with extreme caution at the temperature below - 10°C. Permissible bending radius of multicore cables at laying must not be less than 7.5 Dn, single core - at least 10Dn.

Wires and cables are designed for operation at ambient temperature - 50°C to 65°C and relative humidity 98 %.

I draw your attention that cable operation means fixed arrangement of previously mounted cable or wire under the current load. Unwinding of cables and wires being stored outdoors and in unheated warehouses means an installation, during which you must follow the requirements stated above.

Chief Engineer Gennady Zenkevich