



АЛТАЙСКИЙ
ШИННЫЙ
КОМБИНАТ

Altai Tyre Plant, Barnaul

Comment

on using Isollat liquid ceramic insulation material in JSC Altai Tyre Plant

In December 2010, Isollat 02 m liquid ceramic material was used in the area of power plants for thermal insulation of high pressure hot water pipelines **D-530 MM**, with total length of 131 m, ТП-800 heat exchanger caps (16 pcs) and ТП-800 heat exchangers (2pcs). Heat insulation was done for operating pipelines and heat exchangers; pipes and heat exchanger temperature is +180°C. Pipelines are in the channel at - 4.0 m, ambient temperature is +55°C, the pipes are located densely. During works, combined insulation coating layer with thickness of 1.5-2 mm of Isollat 02 m material with an intermediate layer of glass fiber was applied: total thickness of insulating surface is not more than 5mm. The temperature at the surface of the insulation meets SNiP (does not exceed 45°C), which ensures complete personnel safety. As a result, temperature in the channel has been reduced twice, as well as resistance of metal pipes to corrosion has improved.

I believe that Isollat 02 m liquid ceramic thermal insulation coating is a good alternative to mineral wool materials.