



**Comment  
on using Isollat liquid ceramic insulation material**

In October 2005, Isollat liquid ceramic insulation material was used for insulating pipelines in the boiler house (NB=150-40 mm). The object is located in Ural-Lada-Trust LLC, 117 Speshilova St.

According to the results of experiments, the following has been discovered:

Thickness of the insulation layer = 1.5 mm.

Temperature of the insulation surface = 30° C.

The coating was applied manually with a brush.

Measurements of temperature on the coating surface showed a decrease in temperature with respect to the coolant temperature on the supply pipe by 26°C, which corresponds to the scope of work and requirements of SNIP 41-03-2003 "Thermal insulation of equipment and pipelines"

Isollat coating looks nicely, greatly reduces complexity of works at insulation of complex surfaces, it ensures a long service life, saving valuable space of premises by reducing the size of insulated equipment, and provides normative reduction of temperature on the equipment surface.

The cost of Isollat coating is less than the cost of insulation of mineral wool products and polyurethane foam.

We consider it possible to use Isollat liquid ceramic heat-insulating material for insulation of pipelines in pumping stations and boiler houses.