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According to data from the plant laboratory the physical and mechanical properties of the boards have become stronger. The improvements in their quality and reduction in toxicity are especially marked. The production process now contains less formaldehyde - the odorous, strong-swelling gas. After installing the production line the concentration of free formaldehyde dropped to 2-11 milligrammes per 100 grammes of dry board. This meets the world standard.

Another fundamental problem - variations in the thickness of the boards - was also solved. Previously they had to be calibrated by stripping the upper layers to 3 millimetres. In the new boards this defect is virtually eliminated.

Today the wholesale price of a cubic metre of these wood particle boards is 12 roubles higher than what they cost previously. But as the saying goes, you can't put a price on health.