

Appendix nr. 1

To perform a complete and detailed endoscopic and thermographic examination of all elements of the glass furnace: wear of the furnace bottom, wall bars of loading pockets, corner bars of pockets, palisade bars of the furnace pool, condition of regenerator packings, separation walls, regenerator crown, stringers, burner inlets, main arch, duct, through channel and three molten glass feeders.

Determine the degree of wear of the refractory masonry of all furnace elements, the estimated residual lifetime of each element of the furnace, the through channel and the molten glass feeders.

Technical characteristics: regenerative glass-melting furnace with a horseshoe-shaped flame direction. Furnace basin area - 86 m².

Packing type: TG 14 pots, packing material: magnesia - zircon 78% MgO n magnesite 98% MgO, height - 8580 mm.

The area of the working channel is 19.4 m², the channel width is 1220 mm, the channel depth is 378 mm.

Feeder channels: width - 914 mm, total length - 7587 mm.(including the bowl).

30.10.2020

Ch. technologist

Muha E.P.

Technical Director

Schiopu Iu.A.

Counselor

Baltaji I.P.