

The invention relates to heat engineering and can be used in furnaces burning solid fuel in silicate melt of slag with utilization of gases. Method for starting furnace for materials melting in liquid bath equipped with siphon chamber with bypass channel after termination with total discharge of melt is in heating furnace with smoke gases with simultaneous melting on melt in restricted volume of material that is loaded and gradual filling the bath with it to working level, discharge of smoke gases through channel that takes gases out,. Slag melt is melted on in siphon chamber. Smoke gases formed and melt are supplied to bath of furnace through bypass channel.