

A method for thermal processing of infected medical waste and appliance for its realization are intended for total and safe processing of the waste through excluding direct contacting of service personnel at gathering and at transportation of waste, and through preventing situations of emergency. That for, collecting and transportation waste to the site of loading to the furnace are carried out without direct contact, in collar containers, with following disinfecting those. In the working area of the furnace waste undergo plasma treatment, at that melt of metal and slag is formed, this is separated in a precipitation tank and discharged through tap-holes. In the upper part of the furnace protection valves of pulse action are situated, those are connected to a buffer vessel. Disinfection unit is placed in the loading appliance. Equipment of the appliance for thermal treatment of infected medical waste is performed with application of block-module principle, with possibility to apply in any weather conditions, installation and putting in operation do not need a lot of time.