

Research on emergency disposal technology and equipment development of garbage and animal corpse in disaster area

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Abstract:

The world-wide research status of high temperature and high pressure crushing technology, reverse polymerization treatment technology, hot gas treatment technology, incineration technology and incineration technology of garbage and animal carcass were described. The flue gas treatment technologies such as dust removal, heavy metal and dioxin removal, acid pollutants removal were analyzed. The harmless rapid disposal equipment such as mechanical grate incinerator, fluidized bed incinerator, rotary incinerator and CAO incinerator were introduced, and the research direction of harmless rapid disposal technology and equipment of garbage and animal body was pointed out. Finally, a design of disintegrator for animal corpse was proposed.

Keywords: Waste incineration, Solid waste disposal, Flue gas treatment technology, Harmless disposal for animal corpse