

WASTE THAT CAN BE THERMALLY TREATED AT MTL

MICROWAVE DISPOSAL: WASTE NEUTRALISATION

1) Medical/hospital waste

2) Veterinary waste

3) Slaughterhouse waste

4) Rubber waste

5) Plastic waste

6) Tyres

7) RDF

8) ASR

9) Pulps and sludges containing petroleum components

10) Paint shop rags and sludges

11) Epoxy resins, adhesives, waste from furniture and panel production

12) Bituminous masses

13) Sewage sludge

14) Used oils

15) Soil polluted with petroleum products

16) Pesticides and herbicides

17) Waste containing glycerin

18) Pulps and sludge contaminated with TNT

19) War gases

20) Railway sleepers contaminated with toxic compounds

21) Sorbents and used filters

22) Accumulators and batteries

23) Cellulose pulp and other waste from paper production

24) Solvents, paints and varnishes

25) Packaging from plant protection products

26) Household chemical packaging

RECOVERY OF SECONDARY MATERIALS: MICROWAVE RECYCLING

1) Electronic waste (PCI cards, RAM, others)

Recovery of precious metals

2) Tetra Pak – packaging with aluminium coating

Aluminium recovery

3) Foundry sands

Production material recycling

4) Wind turbine blades

Glass fibre recovery

5) Electrical wires and cables

Recovery of precious metals

6) Mineral wool containing binders

Recovery of production materials

ANAEROBIC PRODUCTION PROCESSES FOR ENRICHED MATERIALS

1) Charcoal

Activated charcoal production

2) Wood waste

Charcoal production

3) Tyre granules

Production of material with a high content of nanotubes

4) Plant biomass

High-calorie syngas production