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Potential applications of process waste treatment include microwave plasma hydrogen sulfide dissociation, detoxification of trichloroethane (TCE) through microwave plasma assisted oxidation, and microwave plasma regeneration of activated carbon.

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Several other applications where the microwaves used are medical treatments; microwave heating is used for drying and curing products, and in households for the preparation of food (microwave ovens). An application of microwave- microwave oven: Microwave Oven is commonly used for cooking purpose without using water.

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This tutorial will help readers get an overall knowledge on how Microwaves work and how we use them in several applications. Audience. This tutorial will be helpful for all those readers who want to learn the basics of Microwave Engineering. The readers will gain knowledge on how Microwave signals are generated, controlled, transmitted, and ...

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