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Evaluation of effective parameters in the selection of industrial electron accelerator for industrial wastewater treatment

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In this paper, the energy and power parameters of the electron beam have been investigated in the range of 0.5 to 3 MeV and 20 to 50 KW, respectively, with the aim of determining the optimal operating conditions to achieve maximum efficiency of industrial wastewater treatment. The findings quantitatively show the effect between the beam power, accelerator efficiency, treatment volume at different doses, and economic evaluation.

Footnotes

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