

Abstract Submitted
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Performance of direct methanol fuel cells under various conditions¹ YONG HEE CHUNG, ASAD MEHMOOD, Hallym University — Performance of direct methanol fuel cells has been examined in terms of diffusion layer thickness, methanol feed rate and temperature. Thickness of anode diffusion layer showed significant effect on the cell performance, while no noticeable change was observed for different thicknesses of cathode diffusion layers. The cell performance was measured to be improved with the increase in methanol feed rate. The result was interpreted in a mathematical model.

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