## To whom it may concern

My name is Dr. Emad Abbasi, and I have drafted this letter to endorse the work of Dr. Mohsen Dirbaz, a leading scientist in the field of chemical engineering, and a fellow IIT graduate.

I have a Doctor of Philosophy in chemical engineering from the Illinois Institute of Technology in Chicago. I have also worked in this industry for more than a decade as a researcher, scientist, and business director at Honeywell UOP. I have worked directly with Dr. Dirbaz, during my time at the ChBE department at IIT.

Dr. Dirbaz is an eminent researcher in the field of chemical engineering and sustainability. Throughout his studies, Dr. Dirbaz utilized Artificial intelligence and data science to develop predictive models for conversion of biomass to energy. Truly, there are few within this field who can parallel his knowledge in Neural Network Based Modeling, and novel applications of Fluidized bed in Biomass Gasification.

In all respects, interpersonal skills, communication, and technical judgment I believe Dr. Dirbaz would be an asset for any organization, and I highly recommend him for any position or project he seeks to pursue.

Sincerely.

Emad Abbasi, Ph.D.

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