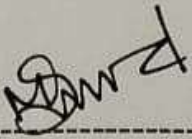


Candidate's Declaration

This is to certify that the work presented in this thesis, titled, "Parametric Analysis of Thermal performance of Earth-To-Air-Tunnel-Heat Exchanger (EATHE)", is the outcome of the investigation and research carried out by me under the supervision of Dr. Arafat Ahmed Bhuiyan.

It is also declared that neither this thesis nor any part of it has not been submitted elsewhere for the award of any degree or diploma.



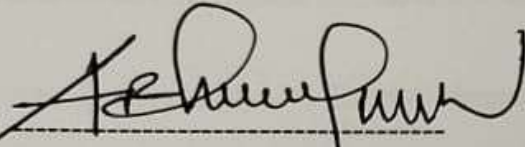
Masud Rana

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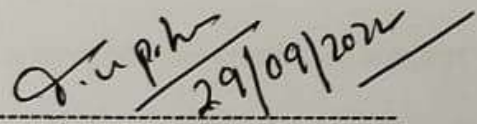
RECOMMENDATION OF THE BOARD OF EXAMINERS

The thesis titled "*Parametric Analysis of Thermal Performance of Earth-to-Air-Tunnel-Heat Exchanger (EATHE)*" submitted by Masud Rana, Student number: 161011007 has been accepted as satisfactory in partial fulfillment of the requirements for the degree of M Sc. in Mechanical Engineering on 26th August, 2022.

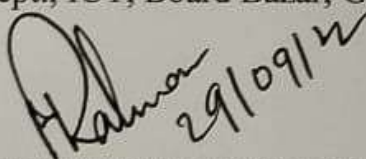
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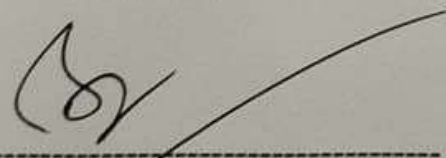
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