


## INTERNAL EXAMINER'S REPORT

*(Additional sheets may be appended, if necessary.)*

The below technical recommendations must be addressed before re-submission of thesis.

1. Equation (1) needs to be corrected.
2. Equation (2) cannot be used for explaining the special case presented in the experiment, i.e. the endothermic effect at the start of charging process.
3. All equations must be used quantitatively and correctly referenced, i.e. calculated results must be presented with the equation.
4. Photoelectric effect is not applicable to this experiment.
5. The image quality of all experimental figures needs to be improved. All experimental figures need to be added error bars.
6. Figures 52 and 53 are not correct, electrons don't flow in air circling a conductor.
7. Basic operation principle of the battery under investigation must be presented.
8. Part or full of reference papers cannot be directly copied and pasted into thesis, for example on page 114, section 19.2
9. References should be correctly formatted, for example using standard IEEE conference or journal format. More literature study needs to be conducted in relation to batteries, battery charging, temperature characteristics of batteries.

Name capitals)	(block <b>Lijie LI</b>		(Internal Examiner)
Signature		Date	31/05/2022