



## GREENHOUSE GAS EMISSIONS VERIFICATION REPORT

**Attention to: MEMC Electronic Materials Sdn Bhd**

### 1. Objective and Scope of the GHGs Emission Calculation

HSE Group (hereafter “HSEG”) was engaged by One Island Consultation (hereafter “OIC”) to provide an independent verification (2<sup>nd</sup> party) on GHG Emissions Calculation Report for Year 2022 (hereafter “Report”) for MEMC Electronic Materials Sdn Bhd (hereafter “MEMC”). The content of verification was to express the conclusion, based on the verification methodology, on whether the statement of information regarding the Greenhouse Gas (GHG) emissions in the Report was correctly measured and calculated, in accordance with the “ISO14064-1:2018”. The purpose of the verification is to evaluate the Report objectively and to enhance the credibility of information regarding GHG emissions in the Report. The data in the Report is collected within 1<sup>st</sup> January 2022 until 31<sup>st</sup> December 2022.

### 2. Methodology for Verification

HSEG conducted the verification in accordance with “ISO14064-1:2018”. The scope of this verification assignment covers GHG emissions from (1) direct GHG emissions (energy derived CO<sub>2</sub> & air conditioner leakage HFCs); (2) indirect GHG emissions from purchased electricity; (3) indirect GHG emissions from procurement & shipping transportation; and (4) indirect GHG emissions from purchased raw material & waste disposal (hereafter “Category 1,2,3 and 4”). The verification was conducted to a limited level of assurance. The organizational boundary of the verification is only at Petaling Jaya, Selangor, Malaysia.

Our verification methodology included checking on:

- (1) scope and boundaries (geographic, operations covered, timeframe, etc.);
- (2) any missing information and potential uncertainty in regard with the provided raw data;
- (3) validity of methodology applied;
- (4) validity of assumptions made;
- (5) accuracy of emissions calculations; and
- (6) magnitude of errors and faults.

### 3. Conclusion

Based on the methodology described above, the statement of the information regarding the GHG Emissions Calculation Report for Year 2022 for Category 1,2,3 and 4 is prepared in accordance with ISO14064-1:2018.

Category	1	2	3	4	Total
tCO <sub>2</sub> eq Emissions	236.27	14,432.73	5,022.95	20,356.63	40,048.58

### 4. Scope of Work

OIC was responsible for preparing the Report for MEMC, and HSEG’s responsibility was to conduct verification of GHG emissions in the Report only. There is no conflict of interest between MEMC, OIC and HSEG.

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HSE Group

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