

Multek

Verification criteria: ISO 14064-1:2018

Venue / boundary: Including:
Multek Industries Ltd. (North Campus) located at No.2 Xin Tang Road, Xin Qing Science & Technology Industrial Park, Jing An Town, Doumen, Zhuhai City, Guangdong, China;
Multek China Limited (South Campus) located at No.2021, Zhufeng Road, Xin Qing Science & Technology Industrial Park, Jing An Town, Doumen, Zhuhai City, Guangdong, China and
Multek Zhuhai Limited (Shuohong Campus) located at No.3 Haiye East Road, Sanzao Town, Jinwan, Zhuhai City, Guangdong, China.

Inspection coverage time: January 1, 2018 - December 31, 2018

Total emissions: 269,858 tCO_{2e}

Cover the following activities: All production and operation activities related to greenhouse gas emissions of Multek Industries Ltd. (North Campus) located at No.2 Xin Tang Road, Xin Qing Science & Technology Industrial Park, Jing An Town, Doumen, Zhuhai City, Guangdong, China, Multek China Limited (South Campus) located at No.2021, Zhufeng Road, Xin Qing Science & Technology Industrial Park, Jing An Town, Doumen, Zhuhai City, Guangdong, China; Multek Zhuhai Limited (Shuohong Campus) located at No.3 Haiye East Road, Sanzao Town, Jinwan, Zhuhai City, Guangdong, China

Greenhouse gas Category: Category 1 and Category 2

Release date of verification statement: June 30, 2021

Validity of verification statement: June 30, 2021 to June 29, 2022

CTI

General manager:



Shenzhen CTI International Certification Co., LTD

Zone A 8F CTI Building, No.4 Liu Xian San Road, Xin'an Street, Bao'an District, Shenzhen, China.

Appendix to this greenhouse gas verification statement-1

Brief description of verification process:	CTI and Multek sign the contract, verify the greenhouse gas inventory report of Multek Industries Ltd., Multek China Limited and Multek Zhuhai Limited (January 1, 2018 to December 31, 2018) according to ISO 14064-1
Areas and categories involved:	Others (21)
Guarantee level:	Reasonable assurance level
Range boundary:	All production and operation activities related to greenhouse gas emission of Multek Industries Ltd. (North Campus) located at No.2 Xin Tang Road, Xin Qing Science & Technology Industrial Park, Jing An Town, Doumen, Zhuhai City, Guangdong, China, Multek China Limited (South Campus) located at No.2021, Zhufeng Road, Xin Qing Science & Technology Industrial Park, Jing An Town, Doumen, Zhuhai City, Guangdong, China and Multek Zhuhai Limited (Shuohong Campus) located at No.3 Haiye East Road, Sanzao Town, Jinwan, Zhuhai City, Guangdong, China
Types of greenhouse gases included:	CO ₂ 、CH ₄ 、N ₂ O and HFCs
Emission Category 1	<p>Emission: 1,360.66 tCO₂e</p> <p>Direct emission form stationary combustion:</p> <ol style="list-style-type: none"> 1. Generator / Forklift (Diesel) 2. Atomic absorption spectrometer (Acetylene) <p>Direct emission form mobile combustion:</p> <ol style="list-style-type: none"> 1. Official vehicle (Gasoline) 2. Official vehicle (Diesel) <p>Direct fugitive emission from human activities:</p> <ol style="list-style-type: none"> 1. Septic tank (CH₄) 2. Plasma / Laser drilling (CO₂) 3. Cold water engine (R134a), 4. Compressed air dryer (R404a) <p>Direct process emission from industrial process:</p> <ol style="list-style-type: none"> 1. Vertical PTH Line (KMnO₄) 2. Horizontal Electroplating line (NaMnO₄) 3. Plasma (CF₄) <p>Direct emission and removals from Land Use, Land Use Change and Forestry:</p> <p>NA</p>
Emission Category 2	<p>Emission: 268,497.52 tCO₂e</p> <ol style="list-style-type: none"> 1. Purchased electricity

Total emissions: **269,858**tCO₂e



General manager: _____



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Appendix to this greenhouse gas verification statement-2

Brief description of verification process:	CTI and Multek sign the contract, verify the greenhouse gas inventory report of Multek Industries Ltd. (January 1, 2018 to December 31, 2018) according to ISO 14064-1
Areas and categories involved:	Others (21)
Guarantee level:	Reasonable assurance level
Range boundary:	All production and operation activities related to greenhouse gas emission of Multek Industries Ltd. (North Campus) located at No.2 Xin Tang Road, Xin Qing Science & Technology Industrial Park, JingAn Town, Doumen, Zhuhai City, Guangdong, China,
Types of greenhouse gases included:	CO ₂ , CH ₄ , N ₂ O and HFCs
Emission Category 1	<p>Emission: 1,053.19 tCO₂e</p> <p>Direct emissions form stationary combustion:</p> <ol style="list-style-type: none"> 1. Generator / Forklift (Diesel) 2. Atomic absorption spectrometer (Acetylene) <p>Direct emissions form mobile combustion:</p> <ol style="list-style-type: none"> 1. Official vehicle (Gasoline) 2. Official vehicle (Diesel) <p>Direct fugitive emissions from human activities:</p> <ol style="list-style-type: none"> 1. Septic tank (CH₄) 2. Plasma / Laser drilling (CO₂) 3. Cold water engine (R134a), 4. Compressed air dryer (R404a) <p>Direct process emissions from industrial process:</p> <ol style="list-style-type: none"> 1. Vertical PTH line (KMnO₄) 2. Horizontal Electroplating line (NaMnO₄) 3. Plasma (CF₄) <p>Direct emissions and removals from Land Use, Land Use Change and Forestry:</p> <p>NA</p>
Emission Category 2	<p>Emissions: 183,487.95 tCO₂e</p> <ol style="list-style-type: none"> 1. Purchased electricity
Total emissions:	184,541 tCO ₂ e



General manager:



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Appendix to this greenhouse gas verification statement-3

Brief description of verification process:	CTI and Multek sign the contract, verify the greenhouse gas inventory report of Multek China Limited (January 1, 2018 to December 31, 2018) according to ISO 14064-1
Areas and categories involved:	Others (21)
Guarantee level:	Reasonable assurance level
Range boundary:	All production and operation activities related to greenhouse gas emission of Multek China Limited (South Campus) located at No.2021, Zhufeng Road, Xin Qing Science & Technology Industrial Park, JingAn Town, Doumen, Zhuhai City, Guangdong, China
Types of greenhouse gases included:	CO ₂ , CH ₄ , N ₂ O and HFCs
Emission Category 1	<p>Emission: 140.65 tCO₂e</p> <p>Direct emission form stationary combustion:</p> <ol style="list-style-type: none"> Generator / Forklift (Diesel) Atomic absorption spectrometer (Acetylene) <p>Direct emission form mobile combustion:</p> <ol style="list-style-type: none"> Official vehicle (Gasoline) Official vehicle (Diesel) <p>Direct fugitive emission from human activities:</p> <ol style="list-style-type: none"> Septic tank (CH₄) Plasma / Laser drilling (CO₂) Cold water engine (R134a), Compressed air dryer (R404a) <p>Direct process emission from industrial process:</p> <ol style="list-style-type: none"> Vertical Electroplating line (KMnO₄) Horizontal Electroplating line (NaMnO₄) Plasma (CF₄) <p>Direct emission and removals from Land Use, Land Use Change and Forestry:</p> <p>NA</p>
Emission Category 2	<p>Emission: 66,996.80 tCO₂e</p> <p>Purchased electricity</p>
Total emission:	67,137 tCO₂e



General manager:



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Appendix to this greenhouse gas verification statement-4

Brief description of verification process: CTI and Multek sign the contract, verify the greenhouse gas inventory report of Multek Zhuhai Limited (January 1, 2018 to December 31, 2018) according to ISO 14064-1

Areas and categories involved: Others (21)

Guarantee level: Reasonable assurance level

Range boundary: All production and operation activities related to greenhouse gas emission of Multek Zhuhai Limited (Shuohong Campus) located at No.3 Haiye East Road, Sanzao Town, Jinwan, Zhuhai City, Guangdong, China

Types of greenhouse gases included: CO₂, CH₄, N₂O and HFCs

Emission Category 1 Emissions: **166.82 tCO₂e**

Direct emission form stationary combustion:

1. Generator /Forklift (Diesel)
2. Atomic absorption spectrometer (Acetylene)

Direct emission form mobile combustion:

1. Official vehicle (Gasoline)
2. Official vehicle (Diesel)

Direct fugitive emission from human activities:

1. Septic tank (CH₄)
2. Plasma / Laser drilling (CO₂)
3. Cold water engine (R134a),
4. Compressed air dryer (R404a)

Direct process emission from industrial process:

1. Vertical PTH line (KMnO₄)
2. Horizontal Electroplating line (NaMnO₄)
3. Plasma (CF₄)

Direct emissions and removals from Land Use, Land Use Change and Forestry:
NA

Emission Category 2 Emission: **18,012.78 tCO₂e**
Purchased electricity

Total emission: **18,180 tCO₂e**



General manager:



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