

Assurance Statement

The GHG Emissions Inventory
for the calendar year 2019 prepared by:

**ST Engineering Aerospace Ltd.
540 Airport Road, Paya Lebar, Singapore 539938**

has been verified by Lloyd's Register Quality Assurance Ltd. in accordance with:

ISO 14064-3:2006¹

as conforming to the requirements of:

ISO 14064-1:2006²

The assurance has been formed on the basis of a reasonable level of assurance
and at a materiality of the professional judgment of the Verifier

Scope of GHG emissions	Tonnes CO2e
Direct GHG emissions (Scope 1)	14,943
Energy indirect GHG emissions (Scope 2, Location-based)	15,136
Energy indirect GHG emissions (Scope 2, Market-based)	13,458
Other indirect GHG emissions (Scope 3) (from staff business travel by air from and to Singapore)	2,571
Note 1: Scope 2, Location-based and Scope 2, Market-based are defined in the GHG Protocol Scope 2 Guidance, 2015.	

Signed:

Date: 30th March 2020



Tan Wee Heok
LR Lead Verifier
On behalf of Lloyd's Register Quality Assurance Ltd.,
1 Fusionopolis Place, #09-11 Galaxis, Singapore 138522



LRQA reference number: SNG6015054

This summary is not valid without the full Assurance Statement attached on pages 2-4 to which it applies.

¹ ISO 14064:2006 Greenhouse gases — Part 3: Specification with guidance for the validation and verification of greenhouse gas assertions

² ISO 14064:2006 Greenhouse gases — Part 1: Specification with guidance at the organization level for quantification and reporting of greenhouse gas emissions and removals

Assurance Statement

The GHG Emissions Inventory
for the calendar year 2019 prepared by:

ST Engineering Electronics Ltd.
24 Ang Mo Kio Street 65, Singapore 569061

has been verified by Lloyd's Register Quality Assurance Ltd. in accordance with:

ISO 14064-3:2006¹

as conforming to the requirements of:

ISO 14064-1:2006²

The assurance has been formed on the basis of a reasonable level of assurance
and at a materiality of professional judgment of the Verifier

Scope of GHG emissions	Tonnes CO2e
Direct GHG emissions (Scope 1)	577
Energy indirect GHG emissions (Scope 2, Location-based)	12,043
Other indirect GHG emissions (Scope 3) (from staff business travel by air from and to Singapore)	3,988
Note 1: Scope 2, Location-based is defined in the GHG Protocol Scope 2 Guidance, 2015	

Signed:

Date: 28 Feb 2020



Cindy Zhang Zhaoxin

Lead Verifier

On behalf of Lloyd's Register Quality Assurance Ltd.,
1 Fusionopolis Place, #09-11 Galaxis, Singapore 138522



LR reference number: SNG6014094

This summary is not valid without the full Assurance Statement attached on pages 2-4 to which it applies.

¹ ISO 14064:2006 Greenhouse gases — Part 3: Specification with guidance for the validation and verification of greenhouse gas assertions

² ISO 14064:2006 Greenhouse gases — Part 1: Specification with guidance at the organization level for quantification and reporting of greenhouse gas emissions and removals

Assurance Statement

The GHG Emissions Inventory
for the calendar year 2019 prepared by:

ST Engineering Land Systems Ltd.
249 Jalan Boon Lay, Singapore 619523

has been verified by Lloyd's Register Quality Assurance Ltd. in accordance with:

ISO 14064-3:2006¹

as conforming to the requirements of:

ISO 14064-1:2006²

The assurance has been formed on the basis of a reasonable level of assurance
and at a materiality of the professional judgment of the Verifier

Scope of GHG emissions	Tonnes CO2e
Direct GHG emissions (Scope 1)	2,169
Energy indirect GHG emissions (Scope 2, Location-based)	12,741
Energy indirect GHG emissions (Scope 2, Market-based)	10,604
Other indirect GHG emissions (Scope 3) (from staff business travel by air from and to Singapore)	2,140
Note 1: Scope 2, Location-based and Market-based is defined in the GHG Protocol Scope 2 Guidance, 2015	

Signed:

Date: 13 March 2020




Wong Swee Leung

LR Lead Verifier

On behalf of Lloyd's Register Quality Assurance Ltd.,
1 Fusionopolis Place, #09-11 Galaxis, Singapore 138522

LRQA reference number: SNG6015256

This summary is not valid without the full Assurance Statement attached on pages 2-4 to which it applies.

¹ ISO 14064:2006 Greenhouse gases — Part 3: Specification with guidance for the validation and verification of greenhouse gas assertions

² ISO 14064:2006 Greenhouse gases — Part 1: Specification with guidance at the organization level for quantification and reporting of greenhouse gas emissions and removals

Assurance Statement

The GHG Emissions Inventory
for the calendar year 2019 prepared by:

**ST Engineering Marine Ltd,
16 Benoi Road, Singapore 629889**

has been verified by Lloyd's Register Quality Assurance Ltd. in accordance with:

ISO 14064-3:2006¹

as conforming to the requirements of:

ISO 14064-1:2006²

The assurance has been formed on the basis of a reasonable level of assurance
and at a materiality of the professional judgment of the Verifier

Scope of GHG emissions	Tonnes CO ₂ e
Direct GHG emissions (Scope 1)	6,309
Energy indirect GHG emissions (Scope 2, Location-based)	7,301
Other indirect GHG emissions (Scope 3) (from staff business travel by air from and to Singapore)	267
Note 1: Scope 2, Location-based is defined in the GHG Protocol Scope 2 Guidance, 2015	

Signed:

Date: 10 March 2020



Cindy Zhang Zhaoxin

Lead Verifier

On behalf of Lloyd's Register Quality Assurance Ltd.,
1 Fusionopolis Place, #09-11 Galaxis, Singapore 138522



Lloyd's Register reference number: SNG6013990

This summary is not valid without the full Assurance Statement attached on pages 2-3 to which it applies.

¹ ISO 14064:2006 Greenhouse gases — Part 3: Specification with guidance for the validation and verification of greenhouse gas assertions

² ISO 14064:2006 Greenhouse gases — Part 1: Specification with guidance at the organization level for quantification and reporting of greenhouse gas emissions and removals