

Verification Statement

Certificate No.:
259522-2018-OTH-GER-DNV

DNV GL SE, hereafter referred to as DNV GL, has been commissioned by the company

Hapag-Lloyd Aktiengesellschaft

Ballindamm 25, 20095 Hamburg, Germany

hereafter referred to as 'Hapag-Lloyd AG', to verify the submissions to the Clean Cargo Working Group (CCWG), hereafter referred as the Submissions. The Submissions relate to the CO₂ and SO_x emissions data reported to the BSR CCWG and the 'CCWG Environmental Performance Assessment' for the calendar year 2017.

Management Responsibility

Hapag-Lloyd AG management is responsible for preparing the Submissions and for maintaining effective internal controls including inputs to the Submissions. DNV GL's verification did not extend to the internal controls not associated with the Hapag-Lloyd AG Submissions.

Verification approach

DNV GL's verification has been conducted in accordance with the "BSR CCWG - *Procedure and guidance for verifying the CO₂ and SO_x emissions data submission*" Version 2.0, reported into the 'CCWG Environmental Performance Assessment' reporting system by ocean carriers to provide limited assurance that the Submissions have been prepared in a manner consistent with the 'CCWG Environmental Performance Assessment' reporting system.

DNV L's verification process included, but was not limited to, the following tasks:

- Desk review of the documentation submitted by Hapag-Lloyd AG, including completeness check and review of the methodology used.
- Office audit at the Hamburg Office of Hapag-Lloyd AG, including sampling of historical emissions data and interviews with personnel responsible for the collection of the emissions data. The processes for managing emissions data and information were checked for adequacy.
- Final review of the Submissions and other relevant support information (including office audit report) and assessment of the 'CCWG Environmental Performance Assessment' scores.

Certificate No: 259522-2018-OTH-GER-DNV
Place and date: Essen, 20. March 2018

Verification Statement

Level of Assurance & Materiality

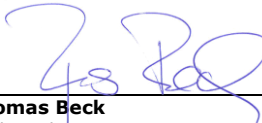
The assurance opinion expressed in this verification statement has been formed based on a limited level of assurance and to the materiality of the professional judgement of the verifier.

Verification Opinion

Based on the approach outlined above, nothing has come to our attention that would cause us to believe that the Submissions dated March 09th, 2018 are not materially correct, or have not been prepared in accordance with the principles of the 'CCWG Environmental Performance Assessment' reporting system and the CO₂ calculation Methodology of the CCWG.

Place and Date
Essen, 20. March 2018

For the issuing office:
DNV GL - Business Assurance
Schnieringshof 14, 45329 Essen, Germany



Thomas Beck
Technical Manager