

## Crest Nicholson Holdings Plc Greenhouse Gas (GHG) Verification Statement FY 2016

### 1. Boundaries of the reporting company covered by the assurance report and any known exclusions.

Crest Nicholson's GHG report is completed on an operational control basis. The operational boundary covers emissions arising from Crest Nicholson's direct operations and includes scope 1, 2 and 3 emissions as described below:

- Scope 1 direct emissions include site and premises fuel combustion, and company-owned vehicles and refrigerant gas losses.
- Scope 2 indirect emissions includes purchased electricity. To align with the Greenhouse Gas Protocol, scope 2 emissions have been reported using both the location-based method and the market-based method. Location-based emissions are calculated using the UK Government's GHG Conversion Factors for Company Reporting. Market-based emissions are calculated using tariff specific factors from Crest Nicholson's energy suppliers, which may be more or less carbon intensive than the location-based factors.
- Scope 3 indirect emissions include business travel, employee commuting, waste disposal, water, upstream 'well to tank (WTT)' emissions from vehicle fuels and electricity, and downstream transmission & distribution losses from electricity.

The organisational boundary includes head and regional office activities, and site related emissions.

### 2. Emissions data verified - broken down by Scope 1, Scope 2 and Scope 3 categories with figures given.

Total reported emissions from Crest Nicholson operations:

Location-based method: **9,514 tonnes CO<sub>2</sub> equivalent (CO<sub>2</sub>e)**

Market-based method: **8,966 tonnes CO<sub>2</sub> equivalent (CO<sub>2</sub>e)**

Direct Scope 1 emissions reported, **4,374 tonnes CO<sub>2</sub>e** includes:

- Onsite energy combustion (natural gas, LPG and diesel);
- Company owned vehicles;
- Emissions from refrigerant gases which occurred during the reporting year.

Indirect Scope 2 emissions reported using the location based method, **2,223 tonnes CO<sub>2</sub>e** includes:

- Purchased Electricity.

Indirect Scope 2 emissions reported using the market-based method, **1,676 tonnes CO<sub>2</sub>e** includes:

- Purchased Electricity.

Indirect Scope 3 emissions reported, **2,917 tonnes CO<sub>2</sub>e** includes:

- Commuting;
- Business travel (road, rail and air);
- Waste;
- Water;
- 'Well to tank' emissions from vehicle fuels and electricity;
- Downstream transmission & distribution losses from grid electricity.

### 3. Period covered

The reported emissions cover 12 months from 1st November 2015 to 31st October 2016.

### 4. Verification standard used

ISO 14064 part 3.

### 5. Assurance opinion

Limited assurance statement

Verco has reviewed Crest Nicholson Holdings Plc's GHG calculations using the World Resources Institute (WRI) and World Business Council for Sustainable Development (WBCSD) Greenhouse Gas Protocol: A Corporate Accounting and Reporting Standard.

Based on its review of Crest Nicholson's GHG emissions inventory for 1st November 2015 to 31st October 2016, Verco has determined that there is no evidence that the GHG assertion is not materially correct. Furthermore, Verco finds no evidence that Crest Nicholson's assertion is not a fair and accurate representation of Crest Nicholson's actual emissions.

Verco finds that the information submitted by Crest Nicholson is consistent with the WRI/WBCSD GHG Protocol's methodology and reporting guidance, and conforms to generally accepted GHG accounting standards.

### 6. Lead verifier name and relevant accreditations/professional membership

Dave Worthington, AMIMechE



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