### **General Information**

|  |  |  |
| --- | --- | --- |
| **Date** |  | |
| **Company Name** |  | |
| **Address** |  | |
| **Company Contact Data** | **Website:** | |
| **Email:** | |
| **Phone Number:** | |
| **Contact Person** | **Name:** | |
| **Title:** | |
| **Email:** | |
| **ISO Standard Applied** | ISO 14001 | ISO 50001 |

1. **Interested Parties**

|  |  |
| --- | --- |
| **Intended User** |  |
| **Responsible Party** |  |
| **Claim** |  |
|  | * Managing GHG Risks and Identify reduction opportunities |
| **Business Goal** | * Participating in public reporting |
| * Participating in a mandatory reporting |
| * Participating in GHG Market |
| * Early Voluntary Action |
| * Compliance with Regulations / Carbon Taxes |
| * Green Certification / RFNBOs |

1. **GHG calculations**

|  |  |
| --- | --- |
| **Industry Sector and Scope** |  |
| **Industry Sub-Sector** |  |
| **GHG Program adopted** |  |

|  |  |  |
| --- | --- | --- |
| **Was a special computer software used for the**  **calculation** | * Yes, what’s the name of the software * No. | |
| **Which criteria (standard/regulations/ etc.) was applied for the calculation?** | * ISO 14064-1 * ISO 14064-2 * ISO 14067 * ISO 14068-1 * Other.... | |
| **ISO 14064-2 (Only)** | * Project Name: * Project Address * Project Design Document (PDD) * Carbon Crediting program | |
| **ISO 14068-1 (Only)** | GHG Avoidance | * Unnecessary energy use * Unnecessary GHG sources * Replacing GHGs source with alternative * Generate renewable Energy * PPA * Others……… |
| GHG Reduction | * Energy Reduction * Energy Efficiency improvement * GHG emission reduction * Process Optimization * Fuel switching * Others…………. |
| GHG Removal | * Capture from source * Capture from Air * Nature-Based * Geoengineering * Others……………. |
| GHG Offset | * Caron credit is less than 5 years * Carbon crediting program |

|  |  |  |
| --- | --- | --- |
|  | **Baseline year (Verification)** |  |
| **Baseline year scenarios**  **(Validation)** |  |
| **Quantification Methodologies** | * GHG activity data multiplied by GHG emission or removal factors * Measurement, (either Continuous, or Intermittent) * Combination of   measurement and calculation |
| **Data Collection Method** | * Manual database system (e.g. excel workbook) * Combined manual and computerized database system   Computerized database system (e.g. third- party tracking software or system) |
| **Source of data** | * Primary * Secondary * Mix |
| **Material Effects** | * Primary * Secondary * Tertiary |
| **Level of assurance** | * Reasonable * Limited | |
| **Material thresholds Level** | …………% | |

1. **GHG Sources and Categories**
2. **According to ISO standard**

|  |  |  |  |
| --- | --- | --- | --- |
| **GHG Sources and Categories** |  | **Detail (GHG Sources)** | **Total GHG**  **Emission in CO2eq** |
| **Category 1 – direct GHG emissions and removals** | | | |
| **Direct emissions from stationary combustion** | **☐** |  |  |
| **Direct emissions from mobile combustion** | **☐** |  |  |
| **Direct process emissions and removals** | **☐** |  |  |
| **Direct fugitive emissions arise from the release of greenhouse gases in anthropogenic systems.** | **☐** |  |  |
| **Direct emissions and removals from Land Use, Land Use Change and Forestry (LULUCF)** | **☐** |  |  |
| **Category 2 – indirect GHG emissions from imported energy** | | | |
| **Indirect emissions from imported electricity consumed** | **☐** |  |  |
| **Indirect emissions from imported energy, including GHG Emissions related to the production of energy consumed by the organization through a physical network (steam, heating, cooling, compressed air) excluding electricity** | **☐** |  |  |
| **Category 3 – indirect GHG emissions from transportation** | | | |
| **Emissions from upstream transport and distribution for goods** | **☐** |  |  |
| **Emissions from downstream transport and distribution for goods** | **☐** |  |  |
| **Emissions from employee commuting includes emissions** | **☐** |  |  |
| **Emissions from client and visitor transport** | **☐** |  |  |
| **Emissions from business travel** | **☐** |  |  |
| **Category 4 – Indirect GHG emissions from product used by organization** | | | |
| **Emissions from purchased goods** | **☐** |  |  |
| **Emissions from capital goods** | **☐** |  |  |
| **Emissions from the disposal of solid and liquid waste** | **☐** |  |  |
| **Emissions from use of assets** | **☐** |  |  |
| **Emissions from the use of services that are not described in the above subcategories (consulting, cleaning, maintenance, bank, etc** | **☐** |  |  |
| **Category 5 – Indirect GHG emissions associated with the use of products from the organization** | | | |
| **Emissions or removals from the use stage of the product** | **☐** |  |  |
| **Emissions from downstream leased assets** | **☐** |  |  |
| **Emissions from end-of-life stage of the product** | **☐** |  |  |
| **Emissions from investments** | **☐** |  |  |
| **Category 6 - indirect GHG from other sources** | | |  |
| **Total GHG Emission** | | |  |

1. **According to GHG Protocol**

|  |  |  |  |
| --- | --- | --- | --- |
| **GHG Sources and Categories** | **√** | **Detail (GHG Sources)** | **Total GHG Emission in CO2eq** |
| **Scope (1) – Direct GHG** | | | |
| Company facilities | ☐ |  |  |
| Company Vehicles | ☐ |  |  |
| **Scope (2) – indirect GHG emissions from purchased energy** | | | |
| Purchased electricity | ☐ |  |  |
| Purchased steam | ☐ |  |  |
| Purchased heating | ☐ |  |  |
| Purchased cooling | ☐ |  |  |
| Employee commuting | ☐ |  |  |
| Leased Assets | ☐ |  |  |
| **Scope (3) - categories of indirect emissions- Upstream** | | | |
| Purchased goods and services | ☐ |  |  |
| Capital Goods | ☐ |  |  |
| Fuel and energy related activities | ☐ |  |  |
| Transportation and distribution | ☐ |  |  |
| Waste Generated in operations | ☐ |  |  |
| Business Travel | ☐ |  |  |
| Employee Commuting | ☐ |  |  |
| Leased Assets | ☐ |  |  |
| **Scope (3) - categories of indirect emissions- Down stream** | | | |
| Investments | ☐ |  |  |
| Franchise | ☐ |  |  |
| Leased assets | ☐ |  |  |
| End of life treatment of sold products | ☐ |  |  |
| Use of sold products | ☐ |  |  |
| Processing of sold products | ☐ |  |  |
| Transportation and distribution | ☐ |  |  |
| **Total GHG Emission** | | |  |

1. **Required Documents**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Existing documentation (Please submit the documents listed below)** | | | | | | | | | | | |
| ☐ | Quantification Methodologies (including data selection and collection, selection or development of GHG quantification model) | | | | | | | | | | |
| ☐ | Calculation GHG emissions & removals | | | | | | | | | | |
| ☐ | a base-year review and recalculation procedures | | | | | | | | | | |
| ☐ | Monitoring plan / sampling plan | | | | | | | | | | |
| Report | | ☐ | Emissions | | | | | | | | |
| ☐ | Baseline | | | | | | | | |
| ☐ | Improvement | | | | | | | | |
| ☐ | New installation | | | | | | | | |
| ☐ | Carbon Neutrality Management Plan – ISO 14068-1 | | | | | | | | |
| ☐ | Project Design Document (PDD) – ISO 14064-2 | | | | | | | | |
| ☐ | Other relevant information | | | | | | | | |
| ☐ | Control Measures (procedures) | | | | | | | | | | |
| ☐ | Emission Report of previous year | | | | | | | | | | |
| ☐ | Risk ASSESSMET | | | | | | | | | | |
| ☐ | Evidence the assessment of uncertainty associated with the quantification approaches and determines the uncertainty at the GHG inventory category level (including if it’s not possible or cost effective, please justify) | | | | | | | | | | |
| ☐ | Any further information you think may be important for us? Example: language differences, safety conditions issue at your site, threats to impartiality, etc. | | | | | | | | | | |
| **Desirable V/V Execution Date ……………….** | | | | | | | | | | | |
| DECLARATION: The above information is true to the best of my knowledge and belief and I am authorized to provide such information on behalf of the company. | | | | | | | | | | | |
| Name | |  | | | Position |  | Signature | |  | | |
| Can the Application Proceed for a **pre-engagement review**: Yes No | | | | | | | | | | | |
| Name of Application reviewer | | | |  | | Signature | |  | | Date |  |