



# GREENHOUSE GAS (GHG) MANAGEMENT IN OPERATIONS STANDARD

## **Applies To :**

This document applies to all GTG operations.

## **Introduction and Background or Purpose :**

The Environment, Health & Safety Committee has set forth requirements in order to manage GTG greenhouse gas (GHG) emissions.

GHGs are present in the environment as a result of natural occurrences and human activities. Local, national and regional programs regarding GHG emissions management are developing around the world. GTG recognizes its responsibility to assess and manage its GHG emissions.

## **Requirements or Expectations :**

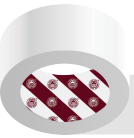
Overall responsibility for compliance with this document is assigned to Country, Division, and Plant Management of GTG locations.

GHG emissions must be managed at GTG locations to comply with applicable government emissions standards and the requirements listed below.

The following requirements apply to GHG emissions from GTG operations (manufacturing, laboratory, offices, distribution centers):

- **Emission Inventory.** All locations must maintain records of energy consumption and process emissions of GHGs, in order to input relevant activity data, emissions information, and supporting documentation into corporate databases.
  - o Energy consumption must be reported for each location on a monthly basis to the Site Energy Data Systems (SEDS) database.
  - o A process to identify, measure and report all sources of GHG emissions must be implemented. All location process GHG emissions must be reported to the corporate EHS Laboratory by February 15th of each year (for the previous calendar year).
  - o The location must maintain all relevant process activity data, emissions information and supporting documentation for all GHG sources in accordance with GTG record retention schedules.
  - o Any changes to GHG emissions allocations and/or reductions, offsets, or credits must be reported to Corporate Environment along with the emissions data supplied to the EHS Laboratory.
- **GHG Reductions.** Process emissions must be evaluated and managed as necessary to meet corporate goals for GHG emissions.
  - o Corporate Environment must evaluate process GHG emissions (at least annually) to determine progress toward any active corporate goal and the need for further control of GHG emissions or the use of other mechanisms to reduce corporate GHG emissions to meet the goals.
- **Energy Efficiency.** Energy conservation activities must be evaluated and managed as necessary to meet corporate goals.
  - o Energy Management and Corporate Environment must evaluate energy efficiency improvements on a quarterly basis, including the use of energy efficiency products.
  - o Progress toward the corporate energy goal(s) must be tracked and programs developed to manage energy consumption.
  - o Energy Management must assess the potential use of renewable energy sources at GTG operations.





## **GREENHOUSE GAS (GHG) MANAGEMENT IN OPERATIONS STANDARD**

GTG operations, including locations, divisions and countries, must consult with GTG Corporate Environment before entering into any voluntary or regulatory agreements related to GHG emissions trading. GTG Corporate Environment, as the designated representatives of the corporate EHS Committee, must consult GTG Treasury and 3M Government Affairs as necessary.

Failure to comply with these requirements may result in discipline, up to and including termination of employment

