

## Greenhouse Gas Emissions

### A. Intent

The intent of this standard is to ensure greenhouse gas (GHG) emissions minimisation in Rio Tinto. This is to be accomplished by identifying GHG emissions sources, evaluating and prioritising them according to significance, and then designing and implementing appropriate control, reduction and mitigation measures of greenhouse gas emissions to the environment.

### B. Scope

This standard is applicable to all Rio Tinto Business Units and those managed operations that significantly contribute to Rio Tinto's total GHG emissions. It covers all sources of GHG emissions during exploration, mining, mineral processing, materials handling, smelting refining and on-site transport. Where the business unit or operation is also responsible for ancillary activities (eg power generation) or off-site transport (rail, truck and ship) those activities will be covered under the scope of this standard.

GHG issues associated with product life cycles are covered in the Product Stewardship Guidance Note.

Other relevant documents are:

- Rio Tinto Climate Change Policy
- Environmental Management System Standard
- Air Quality Control Standard
- Product Stewardship Guidance Note (under preparation)
- Biodiversity Guidance Note
- Greenhouse Gas Emission Guidance Note

### C. Requirements

Rio Tinto Business Units and/or managed Operations are required to:

#### 1.0 *Planning*

- 1.1 Develop, document and maintain knowledge of GHG emissions. This must include an understanding of current and future GHG sources and the factors that affect emission levels from the sources.
- 1.2 Identify and assess GHG related risks and opportunities for the business or operation. Including, where applicable the use of specific or generic emissions abatement cost curves and assessments of emissions trading and offset opportunities and factor in changes as a result of national or international policies and measures.
- 1.3 Develop and achieve GHG emissions reduction targets to drive improvements in emissions control and reduction. Progress towards the targets must be supported by suitable sets of actions and milestones that are linked to the business planning process.

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- 1.4 Ensure that technical and commercial considerations of GHG emissions issues (including possible costs inferred by government imposed carbon tax schemes or CO<sub>2</sub> emissions regulations) are included in:
- a. Annual business plans and valuations;
  - b. New project evaluations;
  - c. Capital expenditure programs;
  - d. Due diligence reviews for divestments and acquisitions.

## **2.0 *Implementation and Operation***

- 2.1 Implement and maintain GHG emission control and reduction programs. Upgrade these as the business needs and external requirements change and as there is progress in the understanding of, and responses to, climate change issues.
- 2.2 Assign clear responsibilities and accountabilities for GHG management. Responsibilities must include progressing established actions for achieving GHG targets.

## **3.0 *Performance Measurement***

- 3.1 Ensure that the appropriate measures are in place for metering, or estimating where appropriate, GHG emissions.
- 3.2 Conduct periodic reviews to identify potential risks and opportunities associated with GHG issues at the business or where appropriate operation.

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