

**Summary of Sustainability Reporting Guidelines  
Mining and Metals Sector Supplement (MMSS)  
(Issued March 7, 2010)**

| <u>Category</u>                          | <u>Economic (EC)</u> | <u>Environmental (EN)</u>   | <u>Mining &amp; Metals (MM)</u>  | <u>Labor (LA)</u> | <u>Society (SO)</u> | <u>Human Rights (HR)</u> | <u>Comments</u>   |
|--|----------------------|---|----------------------------------|-------------------|---------------------|--------------------------|---|
| <b>Economic</b>                          | EC1<br>EC7           |   |                                  |                   |                     |                          |   |
| <b>Environmental</b>                     |                      | EN2<br>EN8<br>EN9<br>EN10<br>EN12<br>EN13<br>EN14<br>EN16<br>EN20<br>EN22<br>EN23 | MM1<br>MM2<br>MM3                |                   |                     |                          |   |
| <b>Labor Practices &amp; Decent Work</b> |                      |   |                                  |                   |                     |                          | Cites ILO Convention - Safety and Health in Mines, Also see LA7 |
| <b>Human Rights</b>                      |                      |   | MM4<br>MM5                       | LA7               |                     | HR5                      |   |
| <b>Society</b>                           |                      |   | MM6<br>MM7<br>MM8<br>MM9<br>MM10 |                   | SO1<br>SO8          |                          |   |
| <b>Product Responsibility</b>            |                      |   | MM11                             |                   |                     |                          |   |

**Summary of Sustainability Reporting Guidelines  
Mining and Metals Sector Supplement (MMSS)  
(Issued March 7, 2010)**

**Description of Performance Indicators in Mining and Metals Sector Supplement (MMSS)**

| <u>Category</u> | <u>Performance Indicators</u> | <u>Aspect</u>                 | <u>Brief Description</u> <sup>a</sup>   |
|-----------------|-------------------------------|-------------------------------|---|
| Economic        | EC1                           | Economic Performance          | Direct economic value generated and distributed, including revenues, operating costs, employee compensation, donations and other community investments, retained earnings, and payments to capital providers and governments. Also within the MMSS land use payments and the Extractive Industries Transparency Initiative <a href="http://www.eitransparency.org/eiti/principles">www.eitransparency.org/eiti/principles</a> . |
| Economic        | EC7                           | Community                     | Procedures for local hiring and proportion of senior management and workforce hired from the local community at locations of significant operation; proportion of local workforce and local management.   |
| Environmental   | EN2                           | Materials                     | Percentage of materials used that are recycled input materials.   |
| Environmental   | EN8                           | Water                         | Total water withdrawal by source.   |
| Environmental   | EN9                           | Water                         | Water sources significantly affected by withdrawal of water.  |
| Environmental   | EN10                          | Water                         | Percentage and total volume of water recycled and reused.   |
| Environmental   | EN12                          | Biodiversity                  | Description of significant impacts of activities, products, and services on biodiversity in protected areas and areas of high biodiversity value outside protected areas (See MM1).   |
| Environmental   | EN13                          | Biodiversity                  | Habitats protected or restored. Report on biodiversity offsets.   |
| Environmental   | EN14                          | Biodiversity                  | Strategies, current actions, and future plans for managing impacts on biodiversity (See MM2).   |
| Environmental   | EN16                          | Emission, Effluents and Waste | Total direct and indirect greenhouse gas emissions by weight.   |
| Environmental   | EN20                          | Emission, Effluents and Waste | NO <sub>x</sub> , SO <sub>x</sub> , and other significant air emissions by type and weight. Within MMSS includes both mobile and stationary sources.  |
| Environmental   | EN22                          | Emission, Effluents and Waste | Total weight of waste by type and disposal method (See MM3)   |
| Environmental   | EN23                          | Emission, Effluents and Waste | Total number and volume of significant spills. Clarify scope of spillages. Outcome of spillage incidents.   |
| Environmental   | MM1                           | Biodiversity                  | Amount of land (owned or leased, and managed for production activities or extractive use) disturbed or rehabilitated.   |
| Environmental   | MM2                           | Biodiversity                  | The number and percentage of total sites identified as requiring biodiversity management plans according to stated criteria, and number (percentage) of those sites with plans in place.  |
| Environmental   | MM3                           | Emission, Effluents and Waste | Total amounts of overburden, rock, tailings, and sludges and their associated risks.  |

**Summary of Sustainability Reporting Guidelines  
Mining and Metals Sector Supplement (MMSS)  
(Issued March 7, 2010)**

**Description of Performance Indicators in Mining and Metals Sector Supplement (MMSS) (Continued)**

| <u>Category</u>                 | <u>Performance Indicators</u> | <u>Aspect</u>                                  | <u>Brief Description</u> <sup>a</sup>   |
|---------------------------------|-------------------------------|--|---|
| Labor Practices and Decent Work | MM4                           | Society Labor/Mgmt Relations                   | Number of strikes and lock-outs exceeding one week's duration, by country.  |
| Labor Practices and Decent Work | LA7                           | Society Occupational Health & Safety           | Rates of injury, occupational diseases, lost days, and absenteeism, and number of work related fatalities by region. Include description of fatal accidents.  |
| Human Rights                    | MM5                           | Indigenous Rights                              | Total number of operations taking place in or adjacent to Indigenous Peoples' territories, and number and percentage of operations or sites where there are formal agreements with Indigenous Peoples' communities.           |
| Society                         | MM6                           | Community                                      | Number and description of significant disputes relating to land use, customary rights of local communities, and Indigenous Peoples.   |
| Society                         | MM7                           | Community                                      | The extent to which grievance mechanisms were used to resolve disputes relating to land use, customary rights of local communities and Indigenous Peoples, and outcomes.  |
| Society                         | MM8                           | Artisanal & small scale mining                 | Number (and percentage) of company operating sites with artisanal and small-scale mining (ASM) takes place on, or adjacent to, the site; the associated risks and the actions taken to manage and mitigate these risks.       |
| Society                         | MM9                           | Resettlement                                   | Sites where resettlements took place, the number of households resettled in each, and how their livelihoods were affected in the process.   |
| Society                         | MM10                          | Closure Planning                               | Number and percentage of operations with closure plans.   |
| Product Responsibility          | MM11                          | Materials Stewardship                          | Programs and progress relating to materials stewardship.  |
| Society                         | SO1                           | Community                                      | Nature, scope, and effectiveness of any programs and practices that assess and manage the impacts of operations on communities, including entering, operating, and exiting. See MM6 through MM10.                             |
| Society                         | SO8                           | Compliance                                     | Monetary value of significant fines and total number of non-monetary sanctions for non-compliance with laws and regulations. Judgments related to health, safety, and labor laws.   |
| Human Rights                    | HR5                           | Freedom of Association & Collective Bargaining | Operations identified in which the right to exercise freedom of association or collective bargaining may be at significant risk, and actions taken to support these rights. How freedom of association policy is implemented. |

**Notes:** <sup>a</sup> See Sustainability Reporting Guidelines & Mining and Metals Sector Supplement for further information on relevance, compilation, definitions, documentation, and references. <[www.globalreporting.org/ReportingFramework/SectorSupplements/MiningAndMetals/](http://www.globalreporting.org/ReportingFramework/SectorSupplements/MiningAndMetals/)> (RG Version 3.0/MMSS Final Version)