

B10 - Occupational exposure limits

1 Scope

This standard is applicable to all Rio Tinto business units and managed operations, including new acquisitions, administration/corporate offices and research facilities located off site; during exploration, through all development phases and construction, operation to closure and, where applicable, for post closure management. To protect all who work at our operations from occupational illness, workplace hazardous exposures must be controlled to below occupational exposure limit (OEL) and/or biological test limit values. The lists of substances (or agents) are derived from an assessment of business unit exposures, but do not necessarily include all hazardous exposures found within the Rio Tinto Group.

2 Definitions

2.1 Deleted.

2.2 Deleted.

2.3 Deleted.

3 Programme design

3.1 Each business or operation must establish or adopt an OEL for each hazardous agent for which significant worker exposure is possible. Where, in the absence of a legal or Rio Tinto OEL, a

- business/operation standard is developed, this OEL must be documented.
- 3.2 OEL and biological test limit values must be reviewed annually for relevance and efficacy. Rio Tinto OELs and biological test limit values are documented in Work Cycle WC2080. These mandatory standard limits are reviewed regularly by Rio Tinto HSE.
- 3.3 Where workers have a working day longer than eight hours or unusual shift rotations are in effect, the TWA OEL may need to be reduced by a suitable factor to ensure adequate worker protection. Such factors require specialist consideration.
- 3.4 For some agents, the existence of an adverse carcinogenic health effect is known or suspected, but there is no internationally accepted assessment of the appropriate OEL or no agreed practical method to quantify workplace levels. In these cases, exposures to agents meeting these criteria must be as low as reasonably achievable or practicable.

4 Rio Tinto OEL values

Deleted (Rio Tinto OELs are now documented in Work Cycle WC2080. These mandatory standard limits are reviewed regularly by Rio Tinto HSE).

5 Rio Tinto biological test limit values

Deleted (Rio Tinto biological test limit values are documented in Work Cycle WC2080. These mandatory standard limits are reviewed regularly by Rio Tinto HSE).

Revision history

| Version no. | Effective date | Prepared by | Authorised by | |
|-------------|----------------|------------------------------|---------------|---|
| | Feb 2003 | Richard Gaunt & Ian Firth | ExCo | |
| Version no. | Revision date | Revised by | Authorised by | Reason for change |
| 4 | December 2008 | Ian Firth; Adrian van Tonder | Manoel Arruda | Incorporation of suggested changes from operations and alignment with HSEQ management system. |