



NZ ACCOUNTING
STANDARDS
BOARD

New Zealand Equivalent to IFRIC Interpretation 20

Stripping Costs in the Production Phase of a Surface Mine (NZ IFRIC 20)

Issued December 2011 and incorporates amendments to 30 November 2012

This Interpretation was issued by the New Zealand Accounting Standards Board of the External Reporting Board pursuant to section 24(1)(a) of the Financial Reporting Act 1993.

This Interpretation is a Regulation for the purposes of the Regulations (Disallowance) Act 1989.

COPYRIGHT

© External Reporting Board (XRB) 2011

This XRB standard contains International Financial Reporting Standards (IFRS®) Foundation copyright material. Reproduction within New Zealand in unaltered form (retaining this notice) is permitted for personal and non-commercial use subject to the inclusion of an acknowledgement of the source.

Requests and enquiries concerning reproduction and rights for commercial purposes within New Zealand should be addressed to the Chief Executive, External Reporting Board at the following email address: enquiries@xrb.govt.nz and the IFRS Foundation at the following email address: licences@ifrs.org

All existing rights (including copyrights) in this material outside of New Zealand are reserved by the IFRS Foundation. Further information and requests for authorisation to reproduce for commercial purposes outside New Zealand should be addressed to the IFRS Foundation.

ISBN 978-1-927174-59-3

Copyright

IFRS Standards are issued by the
International Accounting Standards Board
30 Cannon Street, London, EC4M 6XH, United Kingdom.
Tel: +44 (0)20 7246 6410 Fax: +44 (0)20 7246 6411
Email: info@ifrs.org Web: www.ifrs.org

Copyright © International Financial Reporting Standards Foundation All rights reserved.

Reproduced and distributed by the External Reporting Board with the permission of the IFRS Foundation.

This English language version of the IFRS Standards is the copyright of the IFRS Foundation.

1. The IFRS Foundation grants users of the English language version of IFRS Standards (Users) the permission to reproduce the IFRS Standards for
 - (i) the User's Professional Use, or
 - (ii) private study and education
 - (iii) preparation of financial statements and/or financial statement analysis

Professional Use: means use of the English language version of the IFRS Standards in the User's professional capacity in connection with the business of providing accounting services for the purpose of application of IFRS Standards for preparation of financial statements and/or financial statement analysis to the User's clients or to the business in which the User is engaged as an accountant.

For the avoidance of doubt, the abovementioned usage does not include any kind of activities that make (commercial) use of the IFRS Standards other than direct or indirect application of IFRS Standards, such as but not limited to commercial seminars, conferences, commercial training or similar events.

2. Users are not permitted to reproduce the IFRS Standards in any manner that is **not** primarily intended for or directed towards direct or indirect application of IFRS Standards. With regard to any other usage that falls outside the use explicitly permitted in this notice, Users shall be obliged to contact the IFRS Foundation for a separate individual licence under terms and conditions to be mutually agreed.
3. Except as otherwise expressly permitted in this notice, Users shall not, without prior written permission of the Foundation have the right to license, sublicense, transmit, transfer, sell, rent, or otherwise distribute any portion of the IFRS Standards to third parties in any form or by any means, whether electronic, mechanical or otherwise either currently known or yet to be invented.
4. Users are not permitted to modify or make alterations, additions or amendments to or create any derivative works, save as otherwise expressly permitted in this notice.

The authoritative text of IFRS Standards is that issued by the International Accounting Standards Board in the English language. Copies may be obtained from the IFRS Foundation's Publications Department.

Please address publication and copyright matters in English to:

IFRS Foundation Publications Department

30 Cannon Street, London, EC4M 6XH, United Kingdom.

Tel: +44 (0)20 7332 2730 Fax: +44 (0)20 7332 2749

Email: publications@ifrs.org Web: www.ifrs.org

Trade Marks



The IFRS Foundation logo, the IASB logo, the IFRS for SMEs logo, the “Hexagon Device”, “IFRS Foundation”, “eIFRS”, “IAS”, “IASB”, “IFRS for SMEs”, “IASs”, “IFRS”, “IFRSs”, “International Accounting Standards” and “International Financial Reporting Standards”, “IFRIC” and “IFRS Taxonomy” are **Trade Marks** of the Foundation.

Disclaimer

The authoritative text of the IFRS Standards is reproduced and distributed by the External Reporting Board in respect of their application in New Zealand. The International Accounting Standards Board, the Foundation, the authors and the publishers do not accept responsibility for loss caused to any person who acts or refrains from acting in reliance on the material in this publication, whether such loss is caused by negligence or otherwise.

CONTENTS

**NEW ZEALAND EQUIVALENT TO IFRIC INTERPRETATION 20
STRIPPING COSTS IN THE PRODUCTION PHASE OF A
SURFACE MINE (NZ IFRIC 20)**

from paragraph

REFERENCES

BACKGROUND

1

SCOPE

NZ 5.1

ISSUES

7

CONSENSUS

8

APPENDIX A

Effective date and transition

APPENDIX B

Amendment to NZ IFRS 1 *First-time Adoption of International Financial Reporting Standards* (as revised in 2010)

HISTORY OF AMENDMENTS

The following is available within New Zealand on the XRB website as additional material

BASIS FOR CONCLUSIONS

NZ IFRIC 20

New Zealand Equivalent to IFRIC Interpretation 20 *Stripping Costs in the Production Phase of a Surface Mine* (NZ IFRIC 20) is set out in paragraphs 1–16 and Appendices A–B. NZ IFRIC 20 is accompanied by an IFRIC Basis for Conclusions.

Any New Zealand additional material is shown with either “NZ” or “RDR” preceding the paragraph number.

Reduced Disclosure Regime

Tier 2 for-profit entities must comply with all the provisions in NZ IFRIC 20.

New Zealand Equivalent to IFRIC Interpretation 20

Stripping Costs in the Production Phase of a Surface Mine (NZ IFRIC 20)

References

- New Zealand Equivalent to the IASB *Conceptual Framework for Financial Reporting (NZ Framework)*
- NZ IAS 1 *Presentation of Financial Statements*
- NZ IAS 2 *Inventories*
- NZ IAS 16 *Property, Plant and Equipment*
- NZ IAS 38 *Intangible Assets*

Background

- 1 In surface mining operations, entities may find it necessary to remove mine waste materials ('overburden') to gain access to mineral ore deposits. This waste removal activity is known as 'stripping'.
- 2 During the development phase of the mine (before production begins), stripping costs are usually capitalised as part of the depreciable cost of building, developing and constructing the mine. Those capitalised costs are depreciated or amortised on a systematic basis, usually by using the units of production method, once production begins.
- 3 A mining entity may continue to remove overburden and to incur stripping costs during the production phase of the mine.
- 4 The material removed when stripping in the production phase will not necessarily be 100 per cent waste; often it will be a combination of ore and waste. The ratio of ore to waste can range from uneconomic low grade to profitable high grade. Removal of material with a low ratio of ore to waste may produce some usable material, which can be used to produce inventory. This removal might also provide access to deeper levels of material that have a higher ratio of ore to waste. There can therefore be two benefits accruing to the entity from the stripping activity: usable ore that can be used to produce inventory and improved access to further quantities of material that will be mined in future periods.
- 5 This Interpretation considers when and how to account separately for these two benefits arising from the stripping activity, as well as how to measure these benefits both initially and subsequently.

Scope

- NZ 5.1 This Interpretation applies to Tier 1 and Tier 2 for-profit entities.
- 6 This Interpretation applies to waste removal costs that are incurred in surface mining activity during the production phase of the mine ('production stripping costs').

Issues

- 7 This Interpretation addresses the following issues:
 - (a) recognition of production stripping costs as an asset;

- (b) initial measurement of the stripping activity asset; and
- (c) subsequent measurement of the stripping activity asset.

Consensus

Recognition of production stripping costs as an asset

- 8 To the extent that the benefit from the stripping activity is realised in the form of inventory produced, the entity shall account for the costs of that stripping activity in accordance with the principles of NZ IAS 2 *Inventories*. To the extent the benefit is improved access to ore, the entity shall recognise these costs as a non-current asset, if the criteria in paragraph 9 below are met. This Interpretation refers to the non-current asset as the ‘stripping activity asset’.
- 9 An entity shall recognise a stripping activity asset if, and only if, all of the following are met:
- (a) it is probable that the future economic benefit (improved access to the ore body) associated with the stripping activity will flow to the entity;
 - (b) the entity can identify the component of the ore body for which access has been improved; and
 - (c) the costs relating to the stripping activity associated with that component can be measured reliably.
- 10 The stripping activity asset shall be accounted for as an addition to, or as an enhancement of, an existing asset. In other words, the stripping activity asset will be accounted for as *part* of an existing asset.
- 11 The stripping activity asset’s classification as a tangible or intangible asset is the same as the existing asset. In other words, the nature of this existing asset will determine whether the entity shall classify the stripping activity asset as tangible or intangible.

Initial measurement of the stripping activity asset

- 12 The entity shall initially measure the stripping activity asset at cost, this being the accumulation of costs directly incurred to perform the stripping activity that improves access to the identified component of ore, plus an allocation of directly attributable overhead costs. Some incidental operations may take place at the same time as the production stripping activity, but which are not necessary for the production stripping activity to continue as planned. The costs associated with these incidental operations shall not be included in the cost of the stripping activity asset.
- 13 When the costs of the stripping activity asset and the inventory produced are not separately identifiable, the entity shall allocate the production stripping costs between the inventory produced and the stripping activity asset by using an allocation basis that is based on a relevant production measure. This production measure shall be calculated for the identified component of the ore body, and shall be used as a benchmark to identify the extent to which the additional activity of creating a future benefit has taken place. Examples of such measures include:
- (a) cost of inventory produced compared with expected cost;
 - (b) volume of waste extracted compared with expected volume, for a given volume of ore production; and
 - (c) mineral content of the ore extracted compared with expected mineral content to be extracted, for a given quantity of ore produced.

Subsequent measurement of the stripping activity asset

- 14 After initial recognition, the stripping activity asset shall be carried at either its cost or its revalued amount less depreciation or amortisation and less impairment losses, in the same way as the existing asset of which it is a part.

NZ IFRIC 20

- 15 The stripping activity asset shall be depreciated or amortised on a systematic basis, over the expected useful life of the identified component of the ore body that becomes more accessible as a result of the stripping activity. The units of production method shall be applied unless another method is more appropriate.
- 16 The expected useful life of the identified component of the ore body that is used to depreciate or amortise the stripping activity asset will differ from the expected useful life that is used to depreciate or amortise the mine itself and the related life-of-mine assets. The exception to this are those limited circumstances when the stripping activity provides improved access to the whole of the remaining ore body. For example, this might occur towards the end of a mine's useful life when the identified component represents the final part of the ore body to be extracted.

Appendix A

Effective date and transition

This appendix is an integral part of the Interpretation and has the same authority as the other parts of the Interpretation.

NZ A0 This Interpretation applies to Tier 1 and Tier 2 for-profit entities.

A1 An entity shall apply this Interpretation for annual periods beginning on or after 1 January 2013. Earlier application is permitted. If an entity applies this Interpretation for an earlier period, it shall disclose that fact.

NZ A1.1 *Framework: Tier 1 and Tier 2 For-profit Entities*, issued in November 2012, amended extant NZ IFRSs by deleting any public benefit entity paragraphs, deleting any differential reporting concessions, adding scope paragraphs for Tier 1 and Tier 2 for-profit entities and adding disclosure concessions for Tier 2 entities. It made no changes to the requirements for Tier 1 entities. A Tier 2 entity may elect to apply the disclosure concessions for annual periods beginning on or after 1 December 2012. Early application is permitted.

A2 An entity shall apply this Interpretation to production stripping costs incurred on or after the beginning of the earliest period presented.

A3 As at the beginning of the earliest period presented, any previously recognised asset balance that resulted from stripping activity undertaken during the production phase ('predecessor stripping asset') shall be reclassified as a part of an existing asset to which the stripping activity related, to the extent that there remains an identifiable component of the ore body with which the predecessor stripping asset can be associated. Such balances shall be depreciated or amortised over the remaining expected useful life of the identified component of the ore body to which each predecessor stripping asset balance relates.

A4 If there is no identifiable component of the ore body to which that predecessor stripping asset relates, it shall be recognised in opening retained earnings at the beginning of the earliest period presented.

Appendix B
Amendments to NZ IFRS 1 *First-time Adoption of New Zealand*
Equivalents to International Financial Reporting Standards

The amendments in this appendix shall be applied for annual periods beginning on or after 1 January 2013. If an entity applies this Interpretation for an earlier period these amendments shall be applied for that earlier period.

The amendments contained in this appendix when this Interpretation was issued in 2011 have been incorporated into the relevant pronouncements.

HISTORY OF AMENDMENTS

Table of Pronouncements – NZ Equivalent to IFRIC 20 *Stripping Costs in the Production Phase of a Surface Mine*

This table lists the pronouncements establishing and substantially amending NZ IFRIC 20. The table is based on amendments approved as at 30 November 2012.

Pronouncements	Date approved	Early operative date	Effective date (annual reporting periods... on or after ...)
NZ Equivalent to IFRIC 20 <i>Stripping Costs in the Production Phase of a Surface Mine</i>	Dec 2011	Early application permitted	1 Jan 2013
<i>Framework: Tier 1 and Tier 2 For-profit Entities¹</i>	Nov 2012	Early application permitted	1 Jan 2013

Table of Amended Paragraphs in NZ IFRIC 20		
Paragraph affected	How affected	By ... [date]
Paragraph NZ A1.1	Added	<i>Framework: Tier 1 and Tier 2 For-profit Entities</i> [Nov 2012]

¹ This pronouncement amended extant NZ IFRSs by (i) deleting any public benefit entity paragraphs, (ii) deleting any differential reporting paragraphs, (iii) adding scope paragraphs for Tier 1 and Tier 2 for-profit entities, and (iv) adding RDR disclosure concessions.