These notes form an integral part of and should be read in conjunction with the accompanying financial statements.

1. General information

PwC Holdings Ltd (the “Company”) is listed on the Singapore Exchange and incorporated and domiciled in Singapore. The address of its registered office is 350 Harbour Street, PwC Centre, #30–00, Singapore 049929.\(^1\)\(^2\)

The principal activities of the Company are the manufacturing and sale of electronic component parts, and investment holding. The principal activities of its subsidiaries are the manufacturing and sale of electronic component parts, the sale of furniture, the construction of specialised equipment, and logistic services.

The Group acquired control of XYZ Electronics Group (now known as PwC Components (China) Group), an electronics components manufacturing group operating in China during the financial year (Note 47).

The glass business segment was discontinued during the financial year (Note 11).

Guidance notes

**General information**

1. The following items shall be disclosed in the financial statements unless they are disclosed elsewhere in information published with the financial statements (e.g. in the other sections of the Annual Report):

   (a) the domicile and legal form of the reporting entity, its country of incorporation and the address of the registered office (or principal place of business, if different from the registered office);
   (b) a description of the nature of the entity’s operations and its principal activities; and
   (c) the name of the parent company and the ultimate parent company of the group (disclosed in Note 44 of these financial statements).

2. If the Company changes its name during the financial year, the change shall be disclosed. A suggested disclosure is as follows:

   “With effect from [effective date of change], the name of the Company was changed from [XYZ Pte Ltd] to [ZYX Pte Ltd].”
2. Significant accounting policies

Guidance notes

Significant accounting policies

Disclosure of accounting policies

1. In deciding whether a particular accounting policy shall be disclosed, management considers whether disclosure will assist users in understanding how transactions, other events and conditions are reflected in the reported financial performance and financial position. Accounting policies shall be disclosed for all material components. The accounting policies illustrated in this publication must be tailored if they are adopted by other reporting entities to suit the particular circumstances and needs of readers of those financial statements.

2. Disclosure of accounting policies is particularly useful to users when there are alternatives allowed in Standards and Interpretations. Examples include whether proportionate consolidation or the equity method is applied to account for interests in joint ventures (FRS 31), measurement bases used for classes of property, plant and equipment (FRS 16).

3. An accounting policy may also be significant because of the nature of the entity’s operations, even if amounts shown for current and prior periods are not material. Omission or misstatement of items are material if they can, individually or collectively, influence the economic decisions of users taken on the basis of the financial statements. Materiality depends on the size and nature of the omission or misstatement, taking into consideration the surrounding circumstances. The size or nature of the item, or a combination of both, can be the determining factor.
2.1 Basis of preparation

These financial statements have been prepared in accordance with Singapore Financial Reporting Standards ("FRS"). The financial statements have been prepared under the historical cost convention, except as disclosed in the accounting policies below.

The preparation of financial statements in conformity with FRS requires management to exercise its judgement in the process of applying the Group’s accounting policies. It also requires the use of certain critical accounting estimates and assumptions. The areas involving a higher degree of judgement or complexity, or areas where assumptions and estimates are significant to the financial statements, are disclosed in Note 3.

### Guidance notes

**General information**

**Compliance with FRS**
1. Please refer to guidance notes 1 and 2 under Statement by Directors.

**Going concern assumption**
2. When preparing financial statements, management shall make an assessment of the entity’s ability to continue as a going concern. Financial statements shall be prepared on a going concern basis unless management either intends to liquidate the entity or to cease trading, or has no realistic alternative but to do so.

3. An entity shall not prepare its financial statements on a going concern basis if management determines after the balance sheet date that it either intends to liquidate the entity or to cease trading, or has no realistic alternative but to do so.

4. When management is aware of material uncertainties related to events or conditions which may cast significant doubt upon the entity’s ability to continue as a going concern, those uncertainties shall be disclosed, even if management eventually concludes that it is appropriate to prepare the financial statements on a going concern basis. One disclosure example is “These financial statements are prepared on a going concern basis because the holding company has undertaken to provide continuing financial support so that the Company is able to pay its debts as and when they fall due”.

5. When the financial statements are not prepared on a going concern basis, that fact shall be disclosed, together with the basis on which the financial statements are prepared and the reason why the entity is not considered a going concern. One disclosure example is “These financial statements are prepared on a realisation basis because management intends to liquidate the Company within the next 12 months from the balance sheet date”.

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<table>
<thead>
<tr>
<th>Reference</th>
<th>FRS 1(16)</th>
<th>SGX 1207(5)(d)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reference</td>
<td>FRS 1(117)(a)</td>
<td>DV</td>
</tr>
</tbody>
</table>
2.1 Basis of preparation (continued)

Interpretations and amendments to published standards effective in 2010

On 1 January 2010, the Group adopted the new or amended FRS and Interpretations to FRS ("INT FRS") that are mandatory for application from that date. Changes to the Group’s accounting policies have been made as required, in accordance with the transitional provisions in the respective FRS and INT FRS.

The adoption of these new or amended FRS and INT FRS did not result in substantial changes to the Group’s and Company’s accounting policies and had no material effect on the amounts reported for the current or prior financial years except as disclosed below:

(a) FRS 103 (revised) Business Combinations (effective for annual periods beginning on or after 1 July 2009)

Please refer to note 2.3(a)(ii) for the revised accounting policy on business combinations which the Group has applied for its acquisition of XYZ Electronics Pte Ltd (now known as PwC Components (China) Pte Ltd (‘PwC China’)) on 1 October 2010 (Note 47).

As the changes have been implemented prospectively, no adjustments were necessary to any of the amounts previously recognised in the financial statements.

The following summarises the impact of adopting FRS 103 (revised) on the acquisition of PwC China:

Contingent consideration

Fair value of contingent consideration amounting to $300,000 has been recognised at the acquisition date. An increase in the fair value of the contingent consideration of $50,000 has also been recognised in profit or loss. The contingent consideration and the changes in fair value would not have been recognised under the previous Group’s accounting policy as the payment is not probable.

Acquisition-related costs

Acquisition-related costs of $550,000 have been recognised in profit or loss. Previously, this cost would have been included in goodwill.

Indemnification asset

The sale and purchase agreement contains an indemnification clause in which the seller of PwC China has agreed to reimburse the Group up to an amount of $200,000 for a pending lawsuit in which PwC China is a defendant. The Group has recognised this possible compensation (indemnification asset) of $200,000 at the date of acquisition. Previously, this possible compensation would not have been recognised as an asset and would have been adjusted against goodwill upon receipt from the seller.
2.1  Basis of preparation (continued)

Deferred tax assets acquired

The Group has not recognised deferred tax asset arising from tax losses of PwC China at the acquisition date. If these tax losses are realised after the initial acquisition accounting is completed, the Group will recognise these benefits in profit and loss without adjusting goodwill. Previously, goodwill would be adjusted.

Non-controlling interest

The Group has chosen to recognise the 30% non-controlling interest in PwC China at its fair value of $5,600,000. Under the previous Group’s policy, the non-controlling interest would have been recognised at the non-controlling interest’s proportionate share of identifiable net assets of PwC China of $4,542,000.

(b) FRS 27 (revised) Consolidated and Separate Financial Statements (effective for annual periods beginning on or after 1 July 2009)

The revisions to FRS 27 principally change the accounting for transactions with non-controlling interests. Please refer to Notes 2.3(a)(iii) for the revised accounting policy on changes in ownership interest that results in a lost of control and 2.3(b) for that on changes in ownership interests that do not result in lost of control.

As the changes have been implemented prospectively, no adjustments were necessary to any of the amounts previously recognised in the financial statements. There were no transactions with non-controlling interests in the current financial year. Accordingly, these changes do not have any impact on the financial statements for the current financial year.

As disclosed in Note 11, the Group expects to complete its disposal of 50% out of its 70% equity interest in PwC Glass Sdn Bhd by April 2011. The revised accounting policy will be applied to account for this transaction. The retained 20% equity interest in PwC Glass Sdn Bhd will be recognised at its fair value at the date of disposal. Previously, the retained 20% equity interest would have been recognised at a proportion of the cost of the original 70% interest held, amounting to $622,600 as at 31 December 2010.

(c) Amendment to FRS 7 Cash Flow Statements (effective for annual periods beginning on or after 1 January 2010)

Under the amendment, only expenditures that result in a recognised asset in the balance sheet can be classified as investing activities in the statement of cash flows. Previously, such expenditure could be classified as investing activities in the statement of cash flows.

This change has been applied retrospectively. It had no material effect on the amounts presented in the statement of cash flows for the current or prior year except for the acquisition-related costs incurred as a part of the acquisition of PwC China amounting to $550,000. These have been classified within operating activities in the statement of cash flows in the current financial year as they have not been capitalised as part of goodwill in accordance with FRS 103 (revised). Previously such acquisition-related costs would have been classified within investing activities in the statement of cash flows.
Guidance notes

Basis of preparation – New or amended Standards and Interpretations effective for 2010 calendar year-ends

1. The following are the other new or amended Standards and Interpretations that could be considered if the change in accounting policy had a material effect on the current or prior periods, or may have a material effect on future periods:

- **Amendment to FRS 28 Investments in Associates** (effective for annual periods beginning on or after 1 July 2009)
- **Amendment to FRS 31 Interests in Joint Ventures** (effective for annual periods beginning on or after 1 July 2009)
- **Amendments to FRS 39 Financial Instruments: Recognition and Measurement - Eligible Hedged Items** (effective for annual periods beginning on or after 1 July 2009)
- **Amendments to FRS 102 Group Cash-settled Share-based Payment Transactions** (effective for annual periods beginning on or after 1 January 2010)
- **INT FRS 117 Distributions of Non-cash Assets to Owners** (effective for annual periods beginning on or after 1 July 2009)
- **INT FRS 118 Transfer of Assets from Customers** (effective for annual periods beginning on or after 1 July 2009)
- **Annual Improvements 2009** (effective for annual periods beginning on or after 1 January 2010, unless otherwise stated) consisting of minor amendments to the following Standards and Interpretations:
  - FRS 1 Presentation of Financial Statements
  - FRS 17 Leases
  - FRS 18 Revenue (Effective immediately: Amendment affects the appendix only)
  - FRS 36 Impairment of Assets
  - FRS 38 Intangible Assets (Effective 1 July 2009)
  - FRS 39 Financial Instruments: Recognition and Measurement
  - FRS 102 Share-based Payments (Effective 1 July 2009)
  - FRS 105 Non-current Assets Held for Sale and Discontinued Operations
  - FRS 108 Operating Segments
  - INT FRS 109 Reassessment of Embedded Derivatives (Effective 1 July 2009)
  - INT FRS 116 Hedges of a Net Investment in a Foreign Option (Effective 1 July 2009)

Basis of preparation – New or amended Standards and Interpretations effective after 1 January 2010

2. The following are the new or amended Standards and Interpretations (issued up to 30 June 2010) that are not yet applicable, but may be early adopted for the current financial year.

<table>
<thead>
<tr>
<th>Annual periods commencing on</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 February 2010</td>
<td>FRS 32: Financial Instruments: Presentation, on Classification of Rights Issue</td>
</tr>
<tr>
<td>1 July 2010</td>
<td>INT FRS 119 Extinguishing Financial Liabilities with Equity Instruments</td>
</tr>
<tr>
<td>1 January 2011</td>
<td>Amendments to FRS 24 – Related Party Disclosures</td>
</tr>
<tr>
<td></td>
<td>Amendments to INT FRS 114 – Prepayments of a Minimum Funding Requirement</td>
</tr>
</tbody>
</table>
2.2 Revenue recognition\textsuperscript{1,2}

Sales comprise the fair value of the consideration received or receivable for the sale of goods and rendering of services in the ordinary course of the Group’s activities. Sales are presented, net of value-added tax\textsuperscript{3}, rebates and discounts, and after eliminating sales within the Group.

The Group recognises revenue when the amount of revenue and related cost can be reliably measured, it is probable that the collectability of the related receivables is reasonably assured and when the specific criteria for each of the Group’s activities are met as follows:

(a) Sale of goods – Electronic component parts

Revenue from these sales is recognised when a Group entity has delivered the parts to locations specified by its customers and the customers have accepted the parts in accordance with the sales contract.

Electronic component parts are sold to certain customers with volume discount and these customers also have the right to return faulty parts. Revenue from these sales is recorded based on the contracted price less the estimated volume discount and returns at the time of sale. Past experience and projections are used to estimate the anticipated volume of sales and returns.

(b) Sale of goods – Furniture

The Group sells furniture through retail stores and wholesalers.

Revenue from retail stores is recognised when the Group delivers the furniture to its customers and it is probable that the furniture will not be returned. Customers are given a right to return the furniture within seven days of delivery. Past experience and projections are used to estimate and provide for such returns at the time of sale.

The Group does not operate any customer loyalty programme.

Revenue from sales to wholesalers is recognised when the Group has delivered the furniture to the wholesalers.

(c) Rendering of service – Logistics services

Revenue from logistics services is recognised when the services are rendered, using the percentage of completion method based on the actual service provided as a proportion of the total services to be performed.

(d) Construction of specialised equipment

Please refer to the paragraph “Construction Contracts” for the accounting policy for revenue from construction contracts.
2.2 Revenue recognition (continued)

(e) Interest income

Interest income, including income arising from finance leases and other financial instruments, is recognised using the effective interest method.

(f) Dividend income

Dividend income is recognised when the right to receive payment is established.

(g) Rental income

Rental income from operating leases (net of any incentives given to the lessees) is recognised on a straight-line basis over the lease term.

Guidance notes

Revenue recognition

1. Revenue recognition policy for each principal activity is required to be disclosed and the disclosure should be tailored to the entity’s specific revenue sources and terms of business so as to provide the readers with information for a proper understanding of the policies. For example, the following disclosure can be considered if the Group operates a customer loyalty programme:

“The Group operates a customer loyalty programme for its furniture retail stores. A customer who purchases from any of the Group’s furniture retail store will be given purchase credits entitling them to a discount on subsequent purchase. A portion of the revenue from the sale of furniture attributable to the award of purchase credits, estimated based on expected redemption of these credits, is deferred until they are redeemed. These are included under ‘deferred revenue’ on the balance sheet. Any remaining unutilised credits are recognised as revenue upon expiry.”

2. Please refer to Appendix 1 Example 2 for an illustrative disclosure example on a contract with multiple-element arrangements.

3. If the Group operates predominantly in Singapore, the term “value-added tax” may be replaced by “goods and services tax”.

4. When unpaid interest has accrued before the acquisition of an interest-bearing investment, the subsequent receipt of interest is allocated between pre-acquisition and post acquisition periods; only the post-acquisition portion is recognised as revenue.

Where such interest is material, the following disclosure can be considered:

“Where the Group receives interest that has accrued before its acquisition of an interest bearing investment, such interest received are accounted for as a reduction of the carrying amounts of those investments.”

5. From 1 January 2009, dividends on equity securities are recognised in income. The previous requirement in FRS 18 to deduct pre-acquisition dividends from the cost of the securities has been removed.
2.3 Group accounting¹

(a) Subsidiaries

(i) Consolidation

Subsidiaries are entities (including special purpose entities) over which the Group has power to govern the financial and operating policies so as to obtain benefits from its activities, generally accompanied by a shareholding giving rise to a majority of the voting rights. The existence and effect of potential voting rights that are currently exercisable or convertible are considered when assessing whether the Group controls another entity. Subsidiaries are consolidated from the date on which control is transferred to the Group. They are de-consolidated from the date on which control ceases.

In preparing the consolidated financial statements², transactions, balances and unrealised gains on transactions between group entities are eliminated. Unrealised losses are also eliminated but are considered an impairment indicator of the asset transferred. Accounting policies of subsidiaries have been changed where necessary to ensure consistency with the policies adopted by the Group.

Non-controlling interests are that part of the net results of operations and of net assets of a subsidiary attributable to the interests which are not owned directly or indirectly by the equity holders of the Company. They are shown separately in the consolidated statement of comprehensive income, statement of changes in equity and balance sheet. Total comprehensive income is attributed to the non-controlling interests based on their respective interests in a subsidiary, even if this results in the non-controlling interests having a deficit balance.³

(ii) Acquisition of businesses

The acquisition method of accounting is used to account for business combinations by the Group.

The consideration transferred for the acquisition of a subsidiary comprises the fair value of the assets transferred, the liabilities incurred and the equity interests issued by the Group. The consideration transferred also includes the fair value of any contingent consideration arrangement and the fair value of any pre-existing equity interest in the subsidiary.

Acquisition-related costs are expensed as incurred.

Identifiable assets acquired and liabilities and contingent liabilities assumed in a business combination are, with limited exceptions, measured initially at their fair values at the acquisition date.

On an acquisition-by-acquisition basis, the Group recognises any non-controlling interest in the acquiree at the date of acquisition either at fair value or at the non-controlling interest’s proportionate share of the acquiree’s net identifiable assets.

The excess of the consideration transferred, the amount of any non-controlling interest in the acquiree and the acquisition-date fair value of any previous equity interest in the acquiree over the fair value of the net identifiable assets acquired is recorded as goodwill⁴. Please refer to the paragraph “Intangible assets - Goodwill” for the subsequent accounting policy on goodwill.

FRS 27(13) INT FRS 12(8)
FRS 27(14)
FRS 27 (26)
FRS 27 (27)
FRS 27 (29)
FRS 103(4)
FRS 103(37)
FRS 103(39)
FRS 103(42)
FRS 103(53)
FRS 103(18)
FRS 103(19)
FRS 103(32)
2.3 Group accounting (continued)

(iii) Disposals of subsidiaries or businesses

When a change in the Company’s ownership interest in a subsidiary results in a loss of control over the subsidiary, the assets and liabilities of the subsidiary including any goodwill are derecognised. Amounts recognised in other comprehensive income in respect of that entity are also reclassified to profit or loss or transferred directly to retained earnings if required by a specific Standard.

Any retained interest in the entity is remeasured at fair value. The difference between the carrying amount of the retained investment at the date when control is lost and its fair value is recognised in profit or loss.

Please refer to the paragraph “Investments in subsidiaries, joint ventures and associated companies” for the accounting policy on investments in subsidiaries in the separate financial statements of the Company.

Guidance notes

Group accounting – (a) Subsidiaries

Exemption from preparing consolidated financial statements

1. When a parent is exempted under paragraph 10 of FRS 27 from preparing consolidated financial statements and elects to use the exemption and prepare separate financial statements of the Company, the following disclosure can be considered:

“These financial statements are the separate financial statements of [Company name]. The Company is exempted from the preparation of consolidated financial statements as the Company is [a wholly-owned subsidiary of PwC Corporate Limited, a Singapore-incorporated company which produces consolidated financial statements available for public use]. The registered office of PwC Corporate Limited where those consolidated financial statements can be obtained is as follows: 320 Pier Street, #17-00 Singapore 049900.”

The exempted parent that elects to prepare separate financial statements shall also disclose a list of significant investments in subsidiaries, jointly controlled entities and associates, including the name, country of incorporation or residence, proportion of ownership interest (and if different, proportion of voting power held) and a description of the method used to account for these investments.

Reporting dates of parent and its subsidiaries

2. This publication illustrates the situation where the financial statements of the parent and its subsidiaries used to prepare the consolidated financial statements are prepared as of the same reporting date. Where it is impracticable to do so, the parent may use financial statements of a subsidiary as of a different reporting date provided the difference in periods does not exceed three months, adjustments are made for the effects of significant transactions or events occurring during that period, and the length of reporting periods and any difference in the reporting dates are the same from period to period. Where this occurs, the reporting date of the financial statements of the subsidiary shall be disclosed, together with the reason for using a different reporting date or period.

A similar requirement applies to the financial statements of associated companies and joint ventures used for the purpose of equity accounting or proportionate consolidation, as appropriate.
Guidance notes

**Allocation of total comprehensive income to non-controlling interests – transitional provisions on adoption of FRS 27 (revised)**

3. Under the previous policy, the allocation of losses to non-controlling interests was capped to their interest in the subsidiary’s equity, with the excess allocated to the controlling shareholder. When the subsidiary subsequently made profits, profits were allocated to the non-controlling interests only when the losses previously absorbed by the controlling shareholder were made good. FRS 27 (revised) applicable for periods beginning on or after 1 July 2009 requires total comprehensive income to be allocated to controlling and non-controlling interests based on their respective interests in the subsidiary, even if this results in the non-controlling interests having a deficit balance. This change is applied prospectively and there are no specific transition provisions. As a result, no adjustment is made to make up for the non-controlling interest’s share of losses that were absorbed by the controlling shareholder under the previous policy.

**Bargain purchase**

4. When the sum of the consideration transferred, the amount of any non-controlling interest in the acquiree and the acquisition date fair value of any previous equity interest in the acquiree is less than the fair value of the net identifiable assets of the subsidiary acquired, the difference – often referred to as ‘negative goodwill’ – is recognised in profit or loss. The following is an illustrative disclosure when ‘negative goodwill’ arises on an acquisition of business (to be inserted after the sentence describing the computation of goodwill):

“If those amounts are less than the fair value of the net identifiable assets of the subsidiary acquired and the measurement of all amounts has been reviewed, the difference is recognised directly in profit or loss as a bargain purchase.”
2.3 **Group accounting** (continued)

**(b) Transactions with non-controlling interests**

Changes in the Company’s ownership interest in a subsidiary that do not result in a loss of control over the subsidiary are accounted for as transactions with equity owners of the Group. Any difference between the change in the carrying amounts of the non-controlling interest and the fair value of the consideration paid or received is recognised in a separate reserve within equity attributable to the equity holders of the Company.

### Guidance notes

**Group accounting – (b) Transactions with non-controlling interests**

1. The revised FRS 27 (effective from 1 July 2009) requires a reporting group to treat transactions with non-controlling interests as transactions with equity holders, with the difference between the consideration paid or received and the relevant share of the carrying value of net assets of the subsidiary acquired or disposed being recognised directly in equity. This may be recognised in retained profits or as a separate reserve within equity.

**Effects of changes in ownership interest without loss of control**

2. When a transaction gives rise to a change in a parent’s ownership interest in a subsidiary that does not result in a loss of control, FRS 27 (revised) requires disclosure of the effect of such change on the equity attributable to the owners of the parent. A suggested disclosure is as follows:

<table>
<thead>
<tr>
<th></th>
<th>2010</th>
<th>2009</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carrying amount of non-controlling interest acquired/(disposed of):</td>
<td>xx</td>
<td>xx</td>
</tr>
<tr>
<td>Consideration (paid to)/received from non-controlling interest, net of transaction costs:</td>
<td>xx</td>
<td>xx</td>
</tr>
<tr>
<td>Difference recognised in &lt;insert name of reserve or retained profits&gt; within equity</td>
<td>xx</td>
<td>xx</td>
</tr>
</tbody>
</table>

(c) **Associated companies**

Associated companies are entities over which the Group has significant influence, but not control, generally accompanied by a shareholding giving rise to voting rights of 20% and above but not exceeding 50%. Investments in associated companies are accounted for in the consolidated financial statements using the equity method of accounting less impairment losses, if any.

Investments in associated companies are initially recognised at cost. The cost of an acquisition is measured at the fair value of the assets given, equity instruments issued or liabilities incurred or assumed at the date of exchange, plus costs directly attributable to the acquisition. Goodwill on associated companies represents the excess of the cost of acquisition of the associate over the Group’s share of the fair value of the identifiable net assets of the associate and is included in the carrying amount of the investments.
2.3 Group accounting (continued)

(c) Associated companies (continued)

In applying the equity method of accounting, the Group's share of its associated companies' post-acquisition profits or losses are recognised in profit or loss and its share of post-acquisition other comprehensive income is recognised in other comprehensive income. These post-acquisition movements and distributions received from the associated companies are adjusted against the carrying amount of the investment. When the Group’s share of losses in an associated company equals or exceeds its interest in the associated company, including any other unsecured non-current receivables, the Group does not recognise further losses, unless it has obligations or has made payments on behalf of the associated company.

Unrealised gains on transactions between the Group and its associated companies are eliminated to the extent of the Group’s interest in the associated companies. Unrealised losses are also eliminated unless the transaction provides evidence of an impairment of the asset transferred. The accounting policies of associated companies have been changed where necessary to ensure consistency with the accounting policies adopted by the Group.

Gains and losses arising from partial disposals or dilutions in investments in associated companies are recognised in profit or loss.

Investments in associated companies are derecognised when the Group loses significant influence. Any retained interest in the entity is remeasured at its fair value. The difference between the carrying amount of the retained investment at the date when significant influence is lost and its fair value is recognised in profit or loss.

Please refer to the paragraph “Investments in subsidiaries, joint ventures and associated companies” for the accounting policy on investments in associated companies in the separate financial statements of the Company.

Guidance notes

Group accounting – (c) Associated companies

Reporting dates of investor and its associated companies
1. Please refer to guidance note 2 under Group Accounting – Subsidiaries.

Decrease in interest in associated companies
2. When significant influence is not lost, only a proportionate share of the amounts previously recognised in other comprehensive income relating to that associate are reclassified to profit or loss and form part of the gain or loss on partial disposal. On the other hand, when significant influence is lost, the entire amounts previously recognised in other comprehensive income relating to that associate are reclassified to profit or loss.

Bargain purchase
3. When the Group’s share of the fair value of the identifiable net assets of the associate exceeds the cost of acquisition paid by the group, the excess is recognised as income as part of the share of profit from associated companies.
2.3 Group accounting (continued)

(d) Joint ventures

The Group’s joint ventures are entities over which the Group has contractual arrangements to jointly share the control over the economic activity of the entities with one or more parties. The Group’s interest in joint ventures is accounted for in the consolidated financial statements using proportionate consolidation.

Proportionate consolidation involves combining the Group’s share of the joint ventures’ income and expenses, assets and liabilities and cash flows of the jointly-controlled entities on a line-by-line basis with similar items in the Group’s financial statements.

When the Group sells assets to a joint venture, the Group recognises only the portion of gains or losses on the sale of assets that is attributable to the interest of the other venturers. The Group recognises the full amount of any loss when the sale provides evidence of a reduction in the net realisable value of current assets or an impairment loss.

When the Group purchases assets from a joint venture, it does not recognise its share of the profits of the joint ventures arising from the Group’s purchase of assets until it resells the assets to an independent party. However, a loss on the transaction is recognised immediately if the loss provides evidence of a reduction in the net realisable value of current assets or an impairment loss.

The accounting policies of joint ventures have been changed where necessary to ensure consistency with the accounting policies adopted by the Group.

Please refer to the paragraph “Investments in subsidiaries, joint ventures and associated companies” for the accounting policy on investments in joint ventures in the separate financial statements of the Company.

Guidance notes

Group accounting – (d) Joint ventures

Method of accounting

1. Jointly-controlled entities may also be consistently accounted for using the equity method and when so, the policy described in Note 2.3(c) can be considered.  

2. Joint ventures may also take the form of jointly controlled operations and jointly controlled assets, which do not involve the establishment of a separate entity from the venturers themselves. In that case, the venturer will recognise in relation to its interest in the jointly controlled operations or assets:
   - the assets it controls, or its share of the jointly-controlled assets;
   - the liabilities it incurs;
   - the expenses it incurs, and/or its share of the expenses incurred; and
   - its share of the income that it earns.
2.4 Property, plant and equipment

(a) Measurement

(i) Land and buildings

Land and buildings are initially recognised at cost. Freehold land is subsequently carried at the revalued amount less accumulated impairment losses. Buildings and leasehold land are subsequently carried at the revalued amounts less accumulated depreciation and accumulated impairment losses.

Land and buildings are revalued by independent professional valuers on a triennial basis and whenever their carrying amounts are likely to differ materially from their revalued amounts. When an asset is revalued, any accumulated depreciation at the date of revaluation is eliminated against the gross carrying amount of the asset. The net amount is then restated to the revalued amount of the asset.

Increases in carrying amounts arising from revaluation, including currency translation differences, are recognised in the asset revaluation reserve, unless they offset previous decreases in the carrying amounts of the same asset, in which case, they are recognised in profit or loss. Decreases in carrying amounts that offset previous increases of the same asset are recognised against the asset revaluation reserve. All other decreases in carrying amounts are recognised as a loss in the statement of comprehensive income.

(ii) Other property, plant and equipment

All other items of property, plant and equipment are initially recognised at cost and subsequently carried at cost less accumulated depreciation and accumulated impairment losses.

(iii) Components of costs

The cost of an item of property, plant and equipment initially recognised includes its purchase price and any cost that is directly attributable to bringing the asset to the location and condition necessary for it to be capable of operating in the manner intended by management. Cost also includes borrowing costs that are directly attributable to the acquisition, construction or production of a qualifying asset (refer to Note 2.6 on borrowing costs) and any fair value gains or losses on qualifying cash flow hedges of property, plant and equipment that are transferred from the hedging reserve.
Significant Accounting Policies

Guidance notes

Property, plant and equipment (“PPE”) – (a) Measurement

Method of accounting
1. An item of PPE shall be initially measured at cost, but can be subsequently measured using either the cost model (as illustrated in Note 2.4(a)(ii)) or the revaluation model (as illustrated in Note 2.4(a)(i)).

The elected policy shall be applied consistently to an entire class of PPE. A class of PPE is a grouping of assets of a similar nature and use in an entity’s operations. Examples of separate classes include land, land and buildings, machinery, ships, aircraft, motor vehicles, furniture and fixtures and office equipment.

Provision for dismantlement, removal or restoration
2. The projected cost of dismantlement, removal or restoration is recognised as part of the cost of PPE if such obligation is incurred either when the item is acquired or as a consequence of using the asset during a particular period for purposes other than to produce inventories during that period. For an illustration of the accounting policy and other disclosures, please refer to Appendix 1 Example 3.

Computer software licence and development costs
3. Computer software licence and development costs shall be accounted for as intangible assets using FRS 38 when they are not an integral part to the related hardware. Computer software that is an integral part to the related hardware shall be accounted for as PPE using FRS 16.

Spare parts and servicing equipment
4. Minor spare parts and servicing equipment are typically carried as inventory and recognised in profit or loss as consumed. Major spare parts and stand-by equipment are carried as PPE when an entity expects to use them during more than one period or when they can be used only in connection with an item of PPE.

Directly attributable costs – Self-constructed assets
5. The initial cost of an item of PPE shall include any costs that are directly attributable to bringing the asset to the location and condition necessary for it to be capable of operating in the manner intended by management. While this may be relatively straightforward for items of PPE that are acquired, determining the production cost of a self-constructed asset may be more complex. Such production cost would normally comprise costs associated with material, labour and other inputs used in the construction. It would exclude other costs such as start-up costs, administration and other general overhead costs, advertising and training costs that should be expensed as incurred.

(b) Depreciation

Freehold land is not depreciated. Depreciation on other items of property, plant and equipment is calculated using the straight-line method to allocate their depreciable amounts over their estimated useful lives¹ as follows:

<table>
<thead>
<tr>
<th>Asset Type</th>
<th>Useful Lives</th>
</tr>
</thead>
<tbody>
<tr>
<td>Leasehold land</td>
<td>60 – 99 years</td>
</tr>
<tr>
<td>Buildings</td>
<td>25 – 50 years</td>
</tr>
<tr>
<td>Motor vehicles</td>
<td>4 years</td>
</tr>
<tr>
<td>Plant and equipment</td>
<td>5 – 15 years</td>
</tr>
</tbody>
</table>

The residual values, estimated useful lives and depreciation method of property, plant and equipment are reviewed, and adjusted as appropriate, at each balance sheet date. The effects of any revision are recognised in profit or loss when the changes arise.

¹ As at 31 December 2010.
2.4 Property, plant and equipment (continued)

(c) Subsequent expenditure

Subsequent expenditure relating to property, plant and equipment that has already been recognised is added to the carrying amount of the asset only when it is probable that future economic benefits associated with the item will flow to the Group and the cost of the item can be measured reliably. All other repair and maintenance expenses are recognised in profit or loss when incurred.

(d) Disposal

On disposal of an item of property, plant and equipment, the difference between the disposal proceeds and its carrying amount is recognised in profit or loss within ‘Other (losses)/gains – net’. Any amount in revaluation reserve relating to that asset is transferred to retained profits directly.

Guidance notes

Property, plant and equipment (“PPE”) – (b) Depreciation

Component approach to depreciation

1. Parts of some items of PPE may require replacement or major overhauls at regular intervals. An entity allocates the amount initially recognised in respect of an item of PPE to its significant parts and depreciates separately each significant part if those parts have different useful lives. The entity capitalises the cost of the replacements when (i) it is probable that future economic benefits associated with the item will flow to the entity; and (ii) the cost of the item can be reliably measured. The carrying amount of the replaced parts is derecognised.

If the amount is material, a suggested disclosure is as follows:

“The [specific class of plant and equipment] are subject to overhauls at regular intervals. The inherent components of the initial overhaul are determined based on the estimated costs of the next overhaul and are separately depreciated over a period of [years] in order to reflect the estimated intervals between two overhauls. The costs of the overhauls subsequently incurred are capitalised as additions and the carrying amounts of the replaced components are written off to profit or loss.”

Depreciation of leasehold land

2. This publication illustrates the accounting for leasehold land classified as a finance lease. It is accounted for as PPE and is depreciated over the shorter of its lease term and useful life. The useful life is the period over which an asset is expected to be available for use by an entity. When assessing the useful life of an asset, all commercial, technical and legal factors, as well as the intention of management should be considered.
2.5 Intangible assets

(a) Goodwill on acquisitions

Goodwill on acquisitions of subsidiaries on or after 1 January 2010 represents the excess of the consideration transferred, the amount of any non-controlling interest in the acquiree and the acquisition-date fair value of any previous equity interest in the acquiree over the fair value of the net identifiable assets acquired.

Goodwill on acquisition of subsidiaries prior to 1 January 2010 and on acquisition of joint ventures and associated companies represents the excess of the cost of the acquisition over the fair value of the Group’s share of the net identifiable assets acquired.

Goodwill on subsidiaries and joint ventures is recognised separately as intangible assets and carried at cost less accumulated impairment losses.

Goodwill on associated companies is included in the carrying amount of the investments.

Gains and losses on the disposal of subsidiaries, joint ventures and associated companies include the carrying amount of goodwill relating to the entity sold, except for goodwill arising from acquisitions prior to 1 January 2001. Such goodwill was adjusted against retained profits in the year of acquisition and is not recognised in profit or loss on disposal.

(b) Acquired trademark and licences

Trademarks and licences acquired are initially recognised at cost and are subsequently carried at cost less accumulated amortisation and accumulated impairment losses. These costs are amortised to profit or loss using the straight-line method over 15 to 20 years, which is the shorter of their estimated useful lives and periods of contractual rights.

(c) Acquired computer software licences

Acquired computer software licences are initially capitalised at cost, which includes the purchase price (net of any discounts and rebates) and other directly attributable cost of preparing the asset for its intended use. Direct expenditure including employee costs, which enhances or extends the performance of computer software beyond its specifications and which can be reliably measured, is added to the original cost of the software. Costs associated with maintaining the computer software are recognised as an expense when incurred.

Computer software licences are subsequently carried at cost less accumulated amortisation and accumulated impairment losses. These costs are amortised to profit or loss using the straight-line method over their estimated useful lives of three to five years.

The amortisation period and amortisation method of intangible assets other than goodwill are reviewed at least at each balance sheet date. The effects of any revision are recognised in profit or loss when the changes arise.
Guidance notes

Intangible assets

Goodwill on joint ventures
1. This publication illustrates the disclosure where joint ventures are accounted for using the proportionate consolidation method and thus, goodwill on joint ventures is recognised separately like the treatment of goodwill on subsidiaries. If joint ventures are accounted for using the equity method of accounting, goodwill on joint ventures shall be included in the carrying amount of the investments like the treatment of goodwill on associated companies.

Goodwill previously charged to shareholders’ equity
2. Goodwill on subsidiaries, joint ventures or associated companies acquired prior to annual periods commencing 1 October 2000 was allowed to be adjusted against shareholders’ equity. If this option was taken, goodwill previously recognised against retained profits shall not be recognised in profit or loss on disposal of these entities. Entities should mention this treatment in their accounting policy only if relevant to them.

Development of software
3. If an entity is involved in research and development activities, the following disclosure is suggested (using the example of the development of a computer software):

"Costs directly attributable to the development of computer software are capitalised as intangible assets only when technical feasibility of the project is demonstrated, the Group has an intention and ability to complete and use the software and the costs can be measured reliably. Such costs include purchases of materials and services and payroll-related costs of employees directly involved in the project. Research costs are recognised as an expense when incurred."

2.6 Borrowing costs

Borrowing costs are recognised in profit or loss using the effective interest method except for those costs that are directly attributable to the construction or development of properties. This includes those costs on borrowings acquired specifically for the construction or development of properties, as well as those in relation to general borrowings used to finance the construction or development of properties.

The actual borrowing costs incurred during the period up to the issuance of the temporary occupation permit less any investment income on temporary investment of these borrowings, are capitalised in the cost of the property under development. Borrowing costs on general borrowings are capitalised by applying a capitalisation rate to construction or development expenditures that are financed by general borrowings.
Borrowing costs

1. Borrowing costs that are directly attributable to the acquisition, construction or production of a qualifying asset are required to be capitalised into the cost of the qualifying assets for annual periods beginning on or after 1 January 2009. Previously, FRS 23 “Borrowing Costs” allowed for an accounting policy choice between capitalising those borrowing costs or expensing them as incurred.

2. Where capitalising borrowing costs directly attributable to obtaining a qualifying asset constitutes a change in accounting policy (i.e. the entity used to expense those borrowing costs as incurred), an entity shall start capitalising those borrowing costs only for qualifying assets for which the commencement date for capitalisation is on or after the beginning of the first annual period beginning on or after 1 January 2009 (i.e. 1 January 2009 for calendar year-end entities).

2.7 Contract to construct specialised equipment (“Construction contracts”)1

When the outcome of a construction contract can be estimated reliably, contract revenue and contract costs are recognised as revenue and expenses respectively by reference to the stage of completion of the contract activity at the balance sheet date (“percentage-of-completion method”). When the outcome of a construction contract cannot be estimated reliably, contract revenue is recognised to the extent of contract costs incurred that are likely to be recoverable. When it is probable that total contract costs will exceed total contract revenue, the expected loss is recognised as an expense immediately.

Contract revenue comprises the initial amount of revenue agreed in the contract and variations in the contract work and claims that can be measured reliably. A variation or a claim is recognised as contract revenue when it is probable that the customer will approve the variation or negotiations have reached an advanced stage such that it is probable that the customer will accept the claim.

The stage of completion is measured2 by reference to the ratio of contract costs incurred to date to the estimated total costs for the contract. Costs incurred during the financial year in connection with future activity on a contract are excluded from the costs incurred to date when determining the stage of completion of a contract. Such costs are shown as construction contract work-in-progress on the balance sheet unless it is not probable that such contract costs are recoverable from the customers, in which case, such costs are recognised as an expense immediately.

At the balance sheet date, the cumulative costs incurred plus recognised profit (less recognised loss) on each contract is compared against the progress billings. Where the cumulative costs incurred plus the recognised profits (less recognised losses) exceed progress billings3, the balance is presented as due from customers on construction contracts within “trade and other receivables”. Where progress billings exceed the cumulative costs incurred plus recognised profits (less recognised losses), the balance is presented as due to customers on construction contracts within “trade and other payables”.

Progress billings not yet paid by customers and retentions by customers are included within “trade and other receivables”. Advances4 received are included within “trade and other payables”.

References:

1. FRS 11(22)
2. FRS 11(32)
3. FRS 11(36)
4. FRS 11(39)(b)
5. FRS 11(11)
6. FRS 11(13,14)
7. FRS 11(39)(c)
8. FRS 11(31)
9. FRS 11(43)
10. FRS 11(44)
Guidance notes

Construction contracts

Scope of FRS 11
1. A significant feature of a construction contract is that the date of commencement and the date of completion fall into different accounting periods. A revenue-generating contract must meet the definition of a construction contract to be in the scope of FRS 11. Otherwise, FRS 18 applies. FRS 18 contains less stringent rules in the segmenting of contracts, compared to FRS 11.

Measuring stage of completion
2. The proportion of contract costs incurred to date over the total estimated contract costs may not be a reliable measure of the stage of completion for all construction contracts. Other methods such as a survey of work performed or the completion of a physical proportion of contract work may be more appropriate. An entity should select the method that best reflects the stage of completion of its construction contracts.

3. Progress billings are amounts billed for the work performed on a contract whether or not they have been paid by the customer. Advances are amounts received by the contractor before the related work is performed. Both often do not reflect the work performed and accordingly, are not used to determine the stage of completion.

2.8 Investment properties

Investment properties include those portions of office buildings that are held for long-term rental yields and/or for capital appreciation and land under operating leases that is held for long-term capital appreciation or for a currently indeterminate use. Investment properties include properties that are being constructed or developed for future use as investment properties.

Investment properties are initially recognised at cost and subsequently carried at fair value, determined annually by independent professional valuers on the highest-and-best-use basis. Changes in fair values are recognised in profit or loss.

Investment properties are subject to renovations or improvements at regular intervals. The cost of major renovations and improvements is capitalised and the carrying amounts of the replaced components are recognised in profit or loss. The cost of maintenance, repairs and minor improvements is recognised in profit or loss when incurred.

On disposal of an investment property, the difference between the disposal proceeds and the carrying amount is recognised in profit or loss.
### Guidance notes

#### Investment properties

**Classification as investment property**

1. When judgement is required to determine the portions of investment property, owner-occupied property and property held for sale in the ordinary course of business, the entity shall disclose the criteria used to distinguish them and the judgement involved.

**Property interests**

2. A property interest that is held by a lessee under an operating lease may be classified and accounted for as investment property if and only if: (a) the property will otherwise meet the definition of an investment property; and (b) the lessee uses the fair value model to account for its investment properties. Once this classification is selected for one such property, all properties classified as investment properties shall be accounted for using the fair value model.

**Cost model**

3. A reporting entity can choose to apply the cost model, provided it does not classify any property interest held under operating leases as investment property. The following accounting policy may be adopted:

> “Investment properties comprise significant portions of freehold office buildings that are held for long-term rental yields and/or for capital appreciation.

> Investment properties are initially recognised at cost and subsequently carried at cost less accumulated depreciation and accumulated impairment losses. Depreciation is calculated using [a straight-line] method to allocate the depreciable amounts over the estimated useful lives of [ ] years. The residual values, useful lives and depreciation method of investment properties are reviewed, and adjusted as appropriate, at each balance sheet date. The effects of any revision are included in profit or loss when the changes arise….”

> When the cost model is applied, the fair value of investment property shall be disclosed at each reporting date. In the exceptional cases when an entity cannot determine the fair value of investment property reliably, it shall disclose:

> (a) a description of the investment property;
> (b) an explanation of why fair value cannot be determined reliably; and
> (c) if possible, the range of estimates within which fair value is highly likely to lie.

**Determination of fair value**

4. The Standards do not provide specific guidance to determine fair value. However, IAS 40, BC 53 highlights that the fair value concept under FRS is similar to that under the International Valuation Standards (“IVS”).

> Under IVS 1, the market value of an asset is estimated on the basis of its highest-and-best-use, which means that any possible use of the asset, as determined from market evidence, shall be considered in the fair value determination. The highest- and-best-use value approach, as suggested by IVS 1, is the most appropriate basis to determine fair value. This approach is further confirmed by the 1998 revision on IAS 16, which removed the "existing use" basis for valuing PPE. Nevertheless, it is possible for the highest-and-best-use of an investment property to be the same as its existing use.

**Transfer in and out of investment properties**

5. There are specific recognition and/or measurement requirements dealing with transfers from investment properties to property, plant and equipment or inventories and vice versa. Please refer to paragraphs 57-65 of FRS 40 for details.
2.9 Investments in subsidiaries, joint ventures and associated companies

Investments in subsidiaries, joint ventures and associated companies are carried at cost less accumulated impairment losses in the Company’s balance sheet. On disposal of investments in subsidiaries, joint ventures and associated companies, the difference between disposal proceeds and the carrying amounts of the investments are recognised in profit or loss.

Guidance notes

<table>
<thead>
<tr>
<th>Investments in subsidiaries, joint ventures and associated companies</th>
</tr>
</thead>
<tbody>
<tr>
<td>Investments accounted for in accordance with FRS 39</td>
</tr>
<tr>
<td>1. When separate financial statements of the Company are prepared, investments in subsidiaries, jointly controlled entities and associates that are not classified as held for sale, shall be accounted for either: (a) at cost; or (b) in accordance with FRS 39.</td>
</tr>
<tr>
<td>2. Investments in jointly controlled entities and associated companies that are accounted for in accordance with FRS 39 in the consolidated financial statements shall be accounted for in the same way in the investor’s separate financial statements.</td>
</tr>
<tr>
<td>An example is investments in associated companies held by venture capital organisations or mutual funds, unit trusts and similar entities including investment-linked insurance funds. Such associated companies, instead of being equity-accounted for, may be accounted for at fair value through profit or loss in the consolidated financial statements. Accordingly, when the choice has been made to account for them at fair value through profit or loss in the consolidated financial statements, they shall also be accounted for at fair value though profit or loss in the separate financial statements of the investor.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Dividends received from subsidiaries, joint ventures and associated companies</th>
</tr>
</thead>
<tbody>
<tr>
<td>3. For annual periods beginning on or after 1 January 2009, dividends received from subsidiaries, joint ventures and associated companies are recognised in profit or loss in the separate financial statements of the Company. Previously, the distribution was recognised as income only to the extent that it was received from retained profits of the investee arising after the date of acquisition of the investment. Distributions recognised in excess of such profits were regarded as a recovery of investment and recognised as a reduction of the cost of the investment.</td>
</tr>
<tr>
<td>4. The receipt of a dividend from a subsidiary, joint venture or associated company is an indicator of impairment of the relevant investment when:</td>
</tr>
<tr>
<td>(a) the carrying amount of the investment in the separate financial statements exceeds the carrying amounts in the consolidated financial statements of the investee’s net assets, including associated goodwill; or</td>
</tr>
<tr>
<td>(b) the dividend exceeds the total comprehensive income of the subsidiary, joint venture or associate in the period the dividend is declared.</td>
</tr>
</tbody>
</table>
2.10 Impairment of non-financial assets

(a) Goodwill

Goodwill recognised separately as an intangible asset is tested for impairment annually and whenever there is indication that the goodwill may be impaired.

For the purpose of impairment testing of goodwill, goodwill is allocated to each of the Group’s cash-generating-units (“CGU”) expected to benefit from synergies arising from the business combination.

An impairment loss is recognised when the carrying amount of a CGU, including the goodwill, exceeds the recoverable amount of the CGU. The recoverable amount of a CGU is the higher of the CGU’s fair value less cost to sell and value-in-use.

The total impairment loss of a CGU is allocated first to reduce the carrying amount of goodwill allocated to the CGU and then to the other assets of the CGU pro-rata on the basis of the carrying amount of each asset in the CGU.

An impairment loss on goodwill is recognised as an expense and is not reversed in a subsequent period.

References:
- FRS 36(9,10)(9)
- FRS 36(80)
- FRS 36(90)
- FRS 36(9)
- FRS 36(104)
- FRS 36(60)
- FRS 36(124)
2.10 Impairment of non-financial assets (continued)

(b) Intangible assets

Property, plant and equipment
Investments in subsidiaries, associated companies and joint ventures

Intangible assets, property, plant and equipment and investments in subsidiaries, associated companies and joint ventures are tested for impairment whenever there is any objective evidence or indication that these assets may be impaired.

For the purpose of impairment testing, the recoverable amount (i.e. the higher of the fair value less cost to sell and the value-in-use) is determined on an individual asset basis unless the asset does not generate cash inflows that are largely independent of those from other assets. If this is the case, the recoverable amount is determined for the CGU to which the asset belongs.

If the recoverable amount of the asset (or CGU) is estimated to be less than its carrying amount, the carrying amount of the asset (or CGU) is reduced to its recoverable amount.

The difference between the carrying amount and recoverable amount is recognised as an impairment loss in profit or loss, unless the asset is carried at revalued amount\(^1\), in which case, such impairment loss is treated as a revaluation decrease. Please refer to the paragraph “Property, plant and equipment” for the treatment of a revaluation decrease.

An impairment loss for an asset other than goodwill is reversed if, and only if, there has been a change in the estimates used to determine the asset’s recoverable amount since the last impairment loss was recognised. The carrying amount of this asset is increased to its revised recoverable amount, provided that this amount does not exceed the carrying amount that would have been determined (net of any accumulated amortisation or depreciation) had no impairment loss been recognised for the asset in prior years.

A reversal of impairment loss for an asset other than goodwill is recognised in profit or loss, unless the asset is carried at revalued amount\(^1\), in which case, such reversal is treated as a revaluation increase. However, to the extent that an impairment loss on the same revalued asset\(^1\) was previously recognised as an expense, a reversal of that impairment is also credited to profit or loss.

### Guidance notes

<table>
<thead>
<tr>
<th>Impairment of non-financial assets</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Impairment loss on goodwill</strong></td>
</tr>
<tr>
<td>1. An entity shall not reverse an impairment loss recognised in a previous interim period (for example, in the quarterly financial announcement) in the annual period end financial statements in respect of goodwill or an investment in either an equity instrument or a financial asset carried at cost.</td>
</tr>
<tr>
<td><strong>Assets carried at revalued amounts</strong></td>
</tr>
<tr>
<td>2. In this illustration, certain classes of non-financial assets are carried at their revalued amounts. The disclosures related to revalued amounts shall be removed if the Group applies only the cost model for all non-financial assets.</td>
</tr>
</tbody>
</table>
2.11 Financial assets

(a) Classification

The Group classifies its financial assets in the following categories: at fair value through profit or loss, loans and receivables, held-to-maturity, and available-for-sale. The classification depends on the nature of the asset and the purpose for which the assets were acquired. Management determines the classification of its financial assets at initial recognition.

(i) Financial assets, at fair value through profit or loss

This category has two sub-categories: financial assets held for trading, and those designated at fair value through profit or loss at inception. A financial asset is classified as held for trading if it is acquired principally for the purpose of selling in the short term. Financial assets designated as at fair value through profit or loss at inception are those that are managed and their performances are evaluated on a fair value basis, in accordance with a documented Group investment strategy. Derivatives are also categorised as held for trading unless they are designated as hedges. Assets in this category are presented as current assets if they are either held for trading or are expected to be realised within 12 months after the balance sheet date.

(ii) Loans and receivables

Loans and receivables are non-derivative financial assets with fixed or determinable payments that are not quoted in an active market. They are presented as current assets, except for those expected to be realised later than 12 months after the balance sheet date which are presented as non-current assets. Loans and receivables are presented as "trade and other receivables" and "cash and cash equivalents" on the balance sheet.

(iii) Financial assets, held-to-maturity

Financial assets, held-to-maturity are non-derivative financial assets with fixed or determinable payments and fixed maturities that the Group’s management has the positive intention and ability to hold to maturity. If the Group were to sell other than an insignificant amount of held-to-maturity financial assets, the whole category would be tainted and reclassified as available-for-sale. They are presented as non-current assets, except for those maturing within 12 months after the balance sheet date which are presented as current assets.

(iv) Financial assets, available-for-sale

Financial assets, available-for-sale are non-derivatives that are either designated in this category or not classified in any of the other categories. They are presented as non-current assets unless management intends to dispose of the assets within 12 months after the balance sheet date.
2.11 Financial assets (continued)

(b) Recognition and derecognition

Regular way purchases and sales of financial assets are recognised on trade-date – the date on which the Group commits to purchase or sell the asset.

Financial assets are derecognised when the rights to receive cash flows from the financial assets have expired or have been transferred and the Group has transferred substantially all risks and rewards of ownership. On disposal of a financial asset, the difference between the carrying amount and the sale proceeds is recognised in profit or loss. Any amount in the fair value reserve relating to that asset is reclassified to profit or loss.

Trade receivables that are factored out to banks and other financial institutions with recourse to the Group are not derecognised until the recourse period has expired and the risks and rewards of the receivables have been fully transferred. The corresponding cash received from the financial institutions is recorded as borrowings.

(c) Initial measurement

Financial assets are initially recognised at fair value plus transaction costs except for financial assets at fair value through profit or loss, which are recognised at fair value. Transaction costs for financial assets at fair value through profit or loss are recognised immediately as expenses.

Guidance notes

<table>
<thead>
<tr>
<th>Financial assets – (a) Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reclassification of financial assets</td>
</tr>
<tr>
<td>1. &quot;Amendments to FRS 39 and FRS 107: Reclassification of financial assets” was issued in October 2008, and permits an entity to reclassify non-derivative financial assets (other than those designated at fair value through profit or loss by the entity upon initial recognition) out of the fair value through profit or loss category in particular circumstances.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Financial assets – (b) Recognition and derecognition</th>
</tr>
</thead>
<tbody>
<tr>
<td>Trade date vs settlement date</td>
</tr>
<tr>
<td>2. A regular way purchase or sale is a purchase or sale of a financial asset under a contract whose terms require delivery of the asset within the time frame established generally by regulation or convention in the marketplace concerned. A regular way purchase or sale gives rise to a fixed price commitment between trade date and settlement date that meets the definition of a derivative, but it is not recognised as such. Rather, FRS 39 allows these transactions to be recognised and derecognised using trade date accounting or settlement date accounting. If such transactions are not material, this disclosure can be omitted.</td>
</tr>
</tbody>
</table>

References

- FRS 107 AppB5(c)
- FRS 39(38)
- FRS 39(17,20)
- FRS 39(26)
- FRS 39(20)
- FRS 39(43)
- FRS 39(50)
Financial assets, both available-for-sale and at fair value through profit or loss are subsequently carried at fair value. Loans and receivables and financial assets, held-to-maturity are subsequently carried at amortised cost using the effective interest method.

Changes in the fair values of financial assets at fair value through profit or loss including the effects of currency translation, interest and dividends\(^1\), are recognised in profit or loss when the changes arise.

Interest and dividend income\(^1\) on financial assets, available-for-sale are recognised separately in income. Changes in the fair values of available-for-sale debt securities (i.e. monetary items) denominated in foreign currencies are analysed into currency translation differences on the amortised cost of the securities and other changes; the currency translation differences are recognised in profit or loss and the other changes are recognised in the fair value reserve. Changes in fair values of available-for-sale equity securities (i.e. non-monetary items) are recognised in the fair value reserve, together with the related currency translation differences.

### Guidance notes

**Financial assets – (d) Subsequent measurement**

**Inclusion of interest and dividend income in the changes of fair value**

1. For financial assets at fair value through profit or loss, an entity is allowed to:

   (a) recognise interest income, interest expense and dividend income as part of net gains or net losses on these financial instruments; or
   (b) recognise interest income, interest expense and dividend income separately

The elected policy shall be consistently applied and disclosed. Method (a) has been illustrated in this publication.

This policy choice is however not available to financial assets, available for sale and therefore, the related dividend and interest income shall be accounted for in accordance with FRS 18, i.e. not part of the net gains or losses on fair values.
2.11 Financial assets (continued)

(e) Impairment

The Group assesses at each balance sheet date whether there is objective evidence that a financial asset or a group of financial assets is impaired and recognises an allowance for impairment when such evidence exists.

(i) Loans and receivables / Financial assets, held-to-maturity

Significant financial difficulties of the debtor, probability that the debtor will enter bankruptcy, and default or significant delay in payments are objective evidence that these financial assets are impaired.

The carrying amount of these assets is reduced through the use of an impairment allowance account which is calculated as the difference between the carrying amount and the present value of estimated future cash flows, discounted at the original effective interest rate. When the asset becomes uncollectible, it is written off against the allowance account. Subsequent recoveries of amounts previously written off are recognised against the same line item in profit or loss.

The allowance for impairment loss account is reduced through profit or loss in a subsequent period when the amount of impairment loss decreases and the related decrease can be objectively measured. The carrying amount of the asset previously impaired is increased to the extent that the new carrying amount does not exceed the amortised cost had no impairment been recognised in prior periods.

(ii) Financial assets, available-for-sale

In addition to the objective evidence of impairment described in Note 2.11(e)(i), a significant or prolonged decline in the fair value of an equity security below its cost is considered as an indicator that the available-for-sale financial asset is impaired.

If any evidence of impairment exists, the cumulative loss that was recognised in the fair value reserve is reclassified to profit or loss. The cumulative loss is measured as the difference between the acquisition cost (net of any principal repayments and amortisation) and the current fair value, less any impairment loss previously recognised as an expense. The impairment losses recognised as an expense on equity securities are not reversed through profit or loss.

Guidance notes

Financial assets – (e) Impairment

1. FRS 39 allows an impairment loss on financial assets carried at amortised cost to be recognised through the use of an allowance account or by reducing the carrying amount of the financial asset directly. This publication illustrates the former.

2. An entity shall not reverse an impairment loss recognised in the previous interim period in respect of an investment in either an equity instrument or a financial asset carried at cost or goodwill.
2.12 Financial guarantees

The Company has issued corporate guarantees to banks for borrowings of its subsidiaries. These guarantees are financial guarantees as they require the Company to reimburse the banks if the subsidiaries fail to make principal or interest payments when due in accordance with the terms of their borrowings.

Financial guarantees are initially recognised at their fair values plus transaction costs in the Company’s balance sheet.

Financial guarantees are subsequently amortised to profit or loss over the period of the subsidiaries’ borrowings, unless it is probable that the Company will reimburse the bank for an amount higher than the unamortised amount. In this case, the financial guarantees shall be carried at the expected amount payable to the bank in the Company’s balance sheet.

Intra-group transactions are eliminated on consolidation.

Guidance notes

Financial guarantees

Definition of financial guarantee
1. A financial guarantee is a contract that requires the issuer to make specified payments to reimburse the holder for a loss it incurs because a specified debtor fails to make payment when due in accordance with the original or modified terms of a debt instrument. Where the financial guarantee is given with respect to a banking facility, that facility must be drawn down before the definition of financial guarantee is met as a debt (or debtor) only comes into existence upon drawdown.

Financial guarantees versus insurance contracts
2. Financial guarantees shall be accounted for under FRS 39, unless the issuer has previously asserted explicitly that it regards certain financial guarantees as insurance contracts and has accounted for them as insurance contracts, in which case the issuer may then elect to apply either FRS 39 or FRS 104 for these contracts. The issuer shall make the election contract by contract, but once the election is made, it is irrevocable.

Financial guarantees for associated companies and joint ventures
3. Where the entity has issued financial guarantees to banks for bank borrowings of its associated companies and joint ventures, these financial guarantees shall be recognised in both the entity’s separate and consolidated financial statements as these transactions will not be fully eliminated on equity accounting or proportionate consolidation. The relevant disclosures as required by FRS 24 shall also be made.
2.13 Borrowings

Borrowings are presented as current liabilities unless the Group has an unconditional right to defer settlement for at least 12 months after the balance sheet date.

(a) Borrowings

Borrowings are initially recognised at fair value (net of transaction costs) and subsequently carried at amortised cost. Any difference between the proceeds (net of transaction costs) and the redemption value is recognised in profit or loss over the period of the borrowings using the effective interest method.

(b) Redeemable preference shares

 Preference shares, which are mandatorily redeemable on a specific date, are classified as liabilities. The dividends on these preference shares are recognised as finance expenses.

(c)Convertible bonds

When convertible bonds are issued, the total proceeds are allocated to the liability component and the equity component, which are separately presented on the balance sheet.

The liability component is recognised initially at its fair value, determined using a market interest rate for equivalent non-convertible bonds. It is subsequently carried at amortised cost using the effective interest method until the liability is extinguished on conversion or redemption of the bonds.

The difference between the total proceeds and the liability component is allocated to the conversion option (equity component), which is presented in equity net of deferred tax effect. The carrying amount of the conversion option is not adjusted in subsequent periods. When the conversion option is exercised, its carrying amount will be transferred to the share capital account. When the conversion option lapses, its carrying amount will be transferred to retained profits.
Guidance notes

Borrowings

Classification of preference shares
1. Preference shares that are redeemable on a specific date or at the option of the shareholder, or carry non-discretionary dividend obligations, shall be classified as liabilities. As for non-redeemable preference shares, their terms and conditions shall be critically evaluated using the criteria in FRS 32 to determine whether they shall be classified as a liability or equity.

Conversion options
2. If the conversion option in a convertible bond is settled other than by the exchange of a fixed amount of cash or other financial asset for a fixed number of the issuer’s own equity instruments, the conversion option is a derivative liability.

An example of a conversion option that is a derivative liability is found in a convertible bond that is denominated in a foreign currency. This is because the fixed amount of the foreign currency bond that will be extinguished if the holder converts represents a variable amount of cash in the functional currency of the issuer. An example of such a convertible bond is given in the illustrative disclosure in Appendix 1 Example 6 of this publication.

Facility fees
3. Fees paid on the establishment of loan facilities are recognised as transaction costs of the loan to the extent that it is probable that some or all of the facility will be drawn down. In this case, the fee is deferred until the draw-down occurs. To the extent there is no evidence that it is probable that some or all of the facility will be drawn down, the fee is capitalised as a pre-payment for liquidity services and amortised over the period of the facility to which it relates.
2.14 Trade and other payables

Trade and other payables are initially recognised at fair value, and subsequently carried at amortised cost using the effective interest method.

FRS 39(43,47)

2.15 Derivative financial instruments and hedging activities

A derivative financial instrument is initially recognised at its fair value on the date the contract is entered into and is subsequently carried at its fair value. The method of recognising the resulting gain or loss depends on whether the derivative is designated as a hedging instrument, and if so, the nature of the item being hedged. The Group designates each hedge as either: (a) fair value hedge; (b) cash flow hedge; or (c) net investment hedge.

Fair value changes on derivatives that are not designated or do not qualify for hedge accounting are recognised in profit or loss when the changes arise.

The Group documents at the inception of the transaction the relationship between the hedging instruments and hedged items, as well as its risk management objective and strategies for undertaking various hedge transactions. The Group also documents its assessment, both at hedge inception and on an ongoing basis, of whether the derivatives designated as hedging instruments are highly effective in offsetting changes in fair value or cash flows of the hedged items.

The carrying amount of a derivative designated as a hedge is presented as a non-current asset or liability if the remaining expected life of the hedged item is more than 12 months, and as a current asset or liability if the remaining expected life of the hedged item is less than 12 months. The fair value of a trading derivative is presented as a current asset or liability.

(a) Fair value hedge

The Group has entered into currency forwards that are fair value hedges for currency risk arising from its firm commitments for purchases and sales denominated in foreign currencies ("hedged item"). The fair value changes on the hedged item resulting from currency risk are recognised in profit or loss. The fair value changes on the effective portion of currency forwards designated as fair value hedges are recognised in profit or loss within the same line item as the fair value changes from the hedged item. The fair value changes on the ineffective portion of currency forwards are recognised separately in profit or loss.

FRS 39(89)(b)

FRS 39(89)(a)
2.15 Derivative financial instruments and hedging activities (continued)

(b) Cash flow hedge

(i) Interest rate swaps

The Group has entered into interest rate swaps that are cash flow hedges for the Group’s exposure to interest rate risk on its borrowings. These contracts entitle the Group to receive interest at floating rates on notional principal amounts and oblige the Group to pay interest at fixed rates on the same notional principal amounts, thus allowing the Group to raise borrowings at floating rates and swap them into fixed rates.

The fair value changes on the effective portion of interest rate swaps designated as cash flow hedges are recognised in the hedging reserve and reclassified to profit or loss when the interest expense on the borrowings is recognised in profit or loss. The fair value changes on the ineffective portion of interest rate swaps are recognised immediately in profit or loss.

(ii) Currency forwards

The Group has entered into currency forwards that qualify as cash flow hedges against highly probable forecasted transactions in foreign currencies. The fair value changes on the effective portion of the currency forwards designated as cash flow hedges are recognised in the hedging reserve and transferred to either the cost of a hedged non-monetary asset upon acquisition or profit or loss when the hedged forecast transactions are recognised.

The fair value changes on the ineffective portion are recognised immediately in profit or loss. When a forecasted transaction is no longer expected to occur, the gains and losses that were previously recognised in the hedging reserve are reclassified to profit or loss immediately.

(c) Net investment hedge

The Group has foreign currency borrowings that qualify as net investment hedges of foreign operations. These hedging instruments are accounted for similarly to cash flow hedges. The currency translation differences on the borrowings relating to the effective portion of the hedge are recognised in the currency translation reserve in the consolidated financial statements and reclassified to profit or loss as part of the gain or loss on disposal of the foreign operation. The currency translation differences relating to the ineffective portion of the hedge are recognised immediately in profit or loss.
2.16 Fair value estimation of financial assets and liabilities

The fair values of financial instruments traded in active markets (such as exchange-traded and over-the-counter securities and derivatives) are based on quoted market prices at the balance sheet date. The quoted market prices used for financial assets are the current bid prices; the appropriate quoted market prices for financial liabilities are the current asking prices.

The fair values of financial instruments that are not traded in an active market are determined by using valuation techniques. The Group uses a variety of methods and makes assumptions that are based on market conditions existing at each balance sheet date. Where appropriate, quoted market prices or dealer quotes for similar instruments are used. Valuation techniques, such as discounted cash flow analyses, are also used to determine the fair values of the financial instruments.

The fair values of currency forwards are determined using actively quoted forward exchange rates. The fair values of interest rate swaps are calculated as the present value of the estimated future cash flows discounted at actively quoted interest rates.

The fair values of current financial assets and liabilities carried at amortised cost approximate their carrying amounts.

2.17 Leases

(a) When the Group is the lessee:

The Group leases land, motor vehicles and certain plant and machinery under finance leases and land, factories and warehouses under operating leases from non-related parties.

(i) Lessee – Finance leases

Leases where the Group assumes substantially all risks and rewards incidental to ownership of the leased assets are classified as finance leases.

The leased assets and the corresponding lease liabilities (net of finance charges) under finance leases are recognised on the balance sheet as plant and equipment and borrowings respectively, at the inception of the leases based on the lower of the fair value of the leased assets and the present value of the minimum lease payments.

Each lease payment is apportioned between the finance expense and the reduction of the outstanding lease liability. The finance expense is recognised in profit or loss on a basis that reflects a constant periodic rate of interest on the finance lease liability.
2.17 Leases (continued)

(ii) Lessee – Operating leases

Leases where substantially all risks and rewards incidental to ownership are retained by the lessors are classified as operating leases. Payments made under operating leases (net of any incentives received from the lessors) are recognised in profit or loss on a straight-line basis over the period of the lease.

Contingent rents\(^2\) are recognised as an expense in profit or loss when incurred.

(b) When the Group is the lessor:\(^3\)

The Group leases equipment under finance leases and investment properties under operating leases to non-related parties.

(i) Lessor – Finance leases

Leases where the Group has transferred substantially all risks and rewards incidental to ownership of the leased assets to the lessees, are classified as finance leases.

The leased asset is derecognised and the present value of the lease receivable (net of initial direct costs for negotiating and arranging the lease) is recognised on the balance sheet and included in “trade and other receivables”. The difference between the gross receivable and the present value of the lease receivable is recognised as unearned finance income.

Each lease payment received is applied against the gross investment in the finance lease receivable to reduce both the principal and the unearned finance income. The finance income is recognised in profit or loss on a basis that reflects a constant periodic rate of return on the net investment in the finance lease receivable.

Initial direct costs incurred by the Group in negotiating and arranging finance leases are added to finance lease receivables and recognised as an expense in profit or loss over the lease term on the same basis as the lease income.
2.17 Leases (continued)

(ii) Lessor – Operating leases

Leases of investment properties where the Group retains substantially all risks and rewards incidental to ownership are classified as operating leases. Rental income from operating leases (net of any incentives given to the lessees) is recognised in profit or loss on a straight-line basis over the lease term.

Initial direct costs incurred by the Group in negotiating and arranging operating leases are added to the carrying amount of the leased assets and recognised as an expense in profit or loss over the lease term on the same basis as the lease income.

Contingent rents² are recognised as income in profit or loss when earned.

Guidance notes

Leases

Initial direct costs – lessees

1. Initial direct costs are the incremental costs directly attributable to negotiating and arranging a lease excluding such costs incurred by manufacturers or dealer lessors. Where initial direct costs are also incurred by the reporting entity as a lessee, the following disclosure is suggested:

Lessee – Finance leases

“Initial direct costs incurred by the Group in negotiating and arranging finance leases are added to the carrying amount of the leased assets and recognised as an expense in profit or loss over the lease term on the same basis as the lease expense.”

Lessee – Operating leases

FRS 17 is silent on the accounting of initial direct costs by lessees in operating leases. Either of the following accounting polices can be adopted:

(i) “Initial direct costs incurred by the Group in negotiating and arranging operating leases are capitalised as prepayments and recognised in profit or loss over the lease term on a straight-line basis.”

or

(ii) “Initial direct costs incurred by the Group in negotiating and arranging operating leases are recognised in profit or loss when incurred.”

Contingent rents

2. Contingent rents recognised as an expense or income, if material, shall be disclosed for each class of leases (i.e. operating and financing), irrespective of whether the reporting entity is a lessee or lessor. The basis upon which the contingent rent payable was determined is required to be disclosed when the reporting entity is a lessee.

Penalties for early termination

3. Where such penalties are material, the following disclosure is suggested:

“When a lease is terminated before the lease period expires, any payment made (or received) by the Group as penalty is recognised as an expense (or income) when termination takes place.”
2.18 Inventories

Inventories are carried at the lower of cost and net realisable value. Cost is determined using the first-in, first-out method. The cost of finished goods and work-in-progress comprises raw materials, direct labour, other direct costs and related production overheads (based on normal operating capacity) but excludes borrowing costs. Cost also includes any gains or losses on qualifying cash flow hedges of foreign currency purchases of inventories that are transferred from the hedging reserve. Net realisable value is the estimated selling price in the ordinary course of business, less the estimated costs of completion and applicable variable selling expenses.

Guidance notes

Inventories

Cost of inventories of a service provider
1. Where materials and supplies to be consumed in the rendering of services are material, the following disclosure is suggested:

"Inventories comprise materials and supplies to be consumed in the rendering of [ ] services..... Net realisable value is the estimated selling price of [ ] services less the applicable costs of conversion to complete the services and variable selling expenses."

Hedging of purchases of inventories
2. Management may choose to keep these gains in the hedging reserve until the acquired asset affects profit or loss. At this time, management should reclassify the gains to profit or loss. However, if management expects that all or a portion of a loss recognised directly in equity will not be recovered in one or more future periods, it shall reclassify the amount that is not expected to be recovered into profit or loss.

Property under development for future sale
3. Property under development for sale that is sold prior to completion shall be accounted for either using the percentage of completion or completed contract method. For an illustrative disclosure using the percentage of completion method, please refer to Appendix 1 Example 7.
2.19 Income taxes

Current income tax for current and prior periods is recognised at the amount expected to be paid to or recovered from the tax authorities, using the tax rates and tax laws that have been enacted or substantively enacted by the balance sheet date.

Deferred income tax is recognised for all temporary differences arising between the tax bases of assets and liabilities and their carrying amounts in the financial statements except when the deferred income tax arises from the initial recognition of goodwill or an asset or liability in a transaction that is not a business combination and affects neither accounting nor taxable profit or loss at the time of the transaction.

A deferred income tax liability is recognised on temporary differences arising on investments in subsidiaries, associated companies and joint ventures, except where the Group is able to control the timing of the reversal of the temporary difference and it is probable that the temporary difference will not reverse in the foreseeable future.

A deferred income tax asset is recognised to the extent that it is probable that future taxable profit will be available against which the deductible temporary differences and tax losses can be utilised.

Deferred income tax is measured:

(i) at the tax rates that are expected to apply when the related deferred income tax asset is realised or the deferred income tax liability is settled, based on tax rates and tax laws that have been enacted or substantively enacted by the balance sheet date; and

(ii) based on the tax consequence that will follow from the manner in which the Group expects, at the balance sheet date, to recover or settle the carrying amounts of its assets and liabilities

Current and deferred income taxes are recognised as income or expense in profit or loss, except to the extent that the tax arises from a business combination or a transaction which is recognised directly in equity. Deferred tax arising from a business combination is adjusted against goodwill on acquisition.
2.20 Provisions

Provisions for warranty, restructuring costs and legal claims are recognised when the Group has a present legal or constructive obligation as a result of past events, it is more likely than not that an outflow of resources will be required to settle the obligation and the amount has been reliably estimated. Restructuring provisions comprise lease termination penalties and employee termination payments. Provisions are not recognised for future operating losses.

The Group recognises the estimated liability to repair or replace products still under warranty at the balance sheet date. This provision is calculated based on historical experience of the level of repairs and replacements.

Other provisions are measured at the present value of the expenditure expected to be required to settle the obligation using a pre-tax discount rate that reflects the current market assessment of the time value of money and the risks specific to the obligation. The increase in the provision due to the passage of time is recognised in the statement of comprehensive income as finance expense.

Changes in the estimated timing or amount of the expenditure or discount rate are recognised in profit or loss when the changes arise.

Guidance notes

Provisions

Onerous contracts
1. If the entity has entered into any onerous contract, the following disclosure is suggested:

“Present obligations arising under onerous contracts are recognised and measured as provisions. An onerous contract is considered to exist where the Group has a contract under which the unavoidable costs of meeting the obligations under the contract exceed the economic benefits expected to be received under it”
2.21 Employee compensation

Employee benefits are recognised as an expense, unless the cost qualifies to be capitalised as an asset.

(a) Defined contribution plans

Defined contribution plans are post-employment benefit plans under which the Group pays fixed contributions into separate entities such as the Central Provident Fund on a mandatory, contractual or voluntary basis. The Group has no further payment obligations once the contributions have been paid.

(b) Share-based compensation

The Group operates an equity-settled, share-based compensation plan. The value of the employee services received in exchange for the grant of options is recognised as an expense with a corresponding increase in the share option reserve over the vesting period. The total amount to be recognised over the vesting period is determined by reference to the fair value of the options granted on the date of the grant. Non-market vesting conditions are included in the estimation of the number of shares under options that are expected to become exercisable on the vesting date. At each balance sheet date, the Group revises its estimates of the number of shares under options that are expected to become exercisable on the vesting date and recognises the impact of the revision of the estimates in profit or loss, with a corresponding adjustment to the share option reserve over the remaining vesting period.

When the options are exercised, the proceeds received (net of transaction costs) and the related balance previously recognised in the share option reserve are credited to share capital account, when new ordinary shares are issued, or to the “treasury shares” account, when treasury shares are re-issued to the employees.

(c) Termination benefits

Termination benefits are those benefits which are payable when employment is terminated before the normal retirement date, or whenever an employee accepts voluntary redundancy in exchange for these benefits. The Group recognises termination benefits when it is demonstrably committed to either: terminating the employment of current employees according to a detailed formal plan without possibility of withdrawal; or providing termination benefits as a result of an offer made to encourage voluntary redundancy. Benefits falling due more than 12 months after balance sheet date are discounted to present value.
Guidance notes

Employee compensation

Defined benefit plan
1. Defined benefit pension or medical obligation is mandatory in some countries. Where the Group has a material defined benefit pension plan and/or post-employment medical plan, a suggested disclosure included in Appendix 1 Example 4 can be made.

Share-based compensation – Cash-settled plan
2. If the Group operates a cash-settled share-based compensation plan, the following disclosure is suggested:

“For cash-settled share-based compensation, the fair value of the employee services received in exchange for the grant of options is recognised as an expense with the recognition of a corresponding liability over the vesting period. Until the liability is settled, it is re-measured at each reporting date with changes in fair value recognised in profit or loss.”

Share-based compensation – Modification
3. If there is any modification of the share option plan, the following disclosure is suggested:

“Where the terms of the share option plan are modified, the expense that is not yet recognised for the award is recognised over the remaining vesting period as if the terms had not been modified. Additional expense is recognised for any increase in the total fair value of the share options due to the modification, as measured at the date of the modification.”

Share-based compensation – Transfer of share option reserve
4. The transfer of the balance in the share option reserve to share capital or treasury shares upon exercise of the option and the transfer of the balance in the share option reserve to retained profits upon expiry of the option are not mandatory. Alternatively, the share option reserve may be kept as a separate reserve upon expiry or exercise of the option. It may also be transferred to retained profits upon exercise of the option.

Termination benefits versus Post-employment benefits
5. Some termination benefits are payable regardless of the reason for the employee’s departure. Although these benefits are described in some countries as termination indemnities or termination gratuities, they can be post-employment benefits, rather than termination benefits.

However, an entity may provide a lower amount of benefit for voluntary termination at the request of the employee compared to that for involuntary termination at the request of the entity in such plans. When this occurs, the additional benefit payable on involuntary termination is a termination benefit.

Post-employment benefits versus other long-term benefits
6. In circumstances where employees are entitled to one month of their final pay for every year of completed service and these payments are made in full at the point of retirement, these benefits shall be accounted for as “other long term employee benefits” in accordance with FRS 19.

The measurement of these benefits follows that of post-employment defined benefits except that (a) all actuarial gains and losses on other long term employee benefits are recognised immediately in profit or loss and no “corridor” limit is applied; and (b) all past service costs on other long term employee benefits are recognised immediately in profit or loss, even when the benefits are not fully vested.
Guidance notes

Employee compensation (continued)

Profit sharing and bonus plans
7. If such benefits are material, the following disclosure is suggested:

“The Group recognises a liability and an expense for bonuses and profit-sharing, based on a formula that takes into consideration the profit attributable to the Company’s shareholders after certain adjustments. The Group recognises a provision when contractually obliged to pay or when there is a past practice that has created a constructive obligation to pay.”

8. Under some profit-sharing or deferred bonus plans, employees receive a share of the profits/bonus only if they remain with the entity for a specified period in the future. The measurement of such benefit shall reflect the possibility that some employees may leave without receiving the profit-sharing payment. A liability for the benefit shall be accrued over the vesting period.

Short-term compensated absences
9. If such benefits are material, the following disclosure is suggested:

“Employee entitlements to annual leave are recognised when they accrue to employees. A provision is made for the estimated liability for annual leave as a result of services rendered by employees up to the balance sheet date.”

2.22 Currency translation

(a) Functional and presentation currency

Items included in the financial statements of each entity in the Group are measured using the currency of the primary economic environment in which the entity operates (“functional currency”). The financial statements are presented in Singapore Dollars, which is the functional currency of the Company.

Guidance notes

Currency translation – (a) Functional and presentation currency

1. Where there is a change in the functional currencies of either the reporting entity or a significant foreign operation, that fact and reason for the change in the functional currencies shall be disclosed.

2. When the financial statements are presented in a currency different from the Company’s functional currency, the following are required to be disclosed:

(i) the Company’s functional currency; and
(ii) the reason for using a different currency as its presentation currency.

3. Where a non-Singapore Dollar presentation currency is used for a Singapore-incorporated entity, it is recommended as a best practice to prominently denote this fact.
2.22 Currency translation (continued)

(b) Transactions and balances

Transactions in a currency other than the functional currency (“foreign currency”) are translated into the functional currency using the exchange rates at the dates of the transactions. Currency translation differences resulting from the settlement of such transactions and from the translation of monetary assets and liabilities denominated in foreign currencies at the closing rates at the balance sheet date are recognised in profit or loss, unless they arise from borrowings in foreign currencies and other currency instruments designated and qualifying as net investment hedges and net investment in foreign operations. Those currency translation differences are recognised in the currency translation reserve in the consolidated financial statements and transferred to profit or loss as part of the gain or loss on disposal of the foreign operation.

Non-monetary items measured at fair values in foreign currencies are translated using the exchange rates at the date when the fair values are determined.

(c) Translation of Group entities’ financial statements

The results and financial position of all the Group entities (none of which has the currency of a hyperinflationary economy) that have a functional currency different from the presentation currency are translated into the presentation currency as follows:

(i) Assets and liabilities are translated at the closing exchange rates at the reporting date;

(ii) Income and expenses are translated at average exchange rates (unless the average is not a reasonable approximation of the cumulative effect of the rates prevailing on the transaction dates, in which case income and expenses are translated using the exchange rates at the dates of the transactions); and

(iii) All resulting currency translation differences are recognised in the currency translation reserve.

Goodwill and fair value adjustments arising on the acquisition of foreign operations on or after 1 January 2005 are treated as assets and liabilities of the foreign operations and translated at the closing rates at the reporting date. For acquisitions prior to 1 January 2005, the exchange rates at the dates of acquisition are used.
2.23 Segment reporting

Operating segments are reported in a manner consistent with the internal reporting provided to the executive committee whose members are responsible for allocating resources and assessing performance of the operating segments.

2.24 Cash and cash equivalents

For the purpose of presentation in the consolidated statement of cash flows, cash and cash equivalents include cash on hand, deposits with financial institutions which are subject to an insignificant risk of change in value, and bank overdrafts. Bank overdrafts are presented as current borrowings on the balance sheet.

2.25 Share capital and treasury shares

Ordinary shares are classified as equity. Incremental costs directly attributable to the issuance of new ordinary shares are deducted against the share capital account. When any entity within the Group purchases the Company’s ordinary shares (“treasury shares”), the consideration paid including any directly attributable incremental cost is presented as a component within equity attributable to the Company’s equity holders, until they are cancelled, sold or reissued.

When treasury shares are subsequently cancelled, the cost of treasury shares are deducted against the share capital account if the shares are purchased out of capital of the Company, or against the retained profits of the Company if the shares are purchased out of earnings of the Company.

When treasury shares are subsequently sold or reissued pursuant to the employee share option scheme, the cost of treasury shares is reversed from the treasury share account and the realised gain or loss on sale or reissue, net of any directly attributable incremental transaction costs and related income tax, is recognised in the capital reserve.

Guidance notes

Share capital and treasury shares

1. FRS 32 requires directly attributable costs relating to equity transactions to be recognised in equity, but does not specify which equity account. Accordingly, these costs may also be recognised against retained profits.
2.26 Dividends to Company's shareholders

Dividends to the Company’s shareholders are recognised when the dividends are approved for payment.

2.27 Non-current assets (or disposal groups) held-for-sale and discontinued operations

Non-current assets (or disposal groups) are classified as assets held for sale and carried at the lower of carrying amount and fair value less costs to sell if their carrying amount is recovered principally through a sale transaction rather than through continuing use. The assets are not depreciated or amortised while they are classified as held for sale. Any impairment loss on initial classification and subsequent measurement is recognised as an expense. Any subsequent increase in fair value less costs to sell (not exceeding the accumulated impairment loss that has been previously recognised) is recognised in profit or loss.

A discontinued operation is a component of an entity that either has been disposed of, or that is classified as held for sale and:

(a) represents a separate major line of business or geographical area of operations;
or
(b) is part of a single co-ordinated plan to dispose of a separate major line of business or geographical area of operations; or
(c) is a subsidiary acquired exclusively with a view to resale.

2.28 Government grants

Grants from the government are recognised as a receivable at their fair value when there is reasonable assurance that the grant will be received and the Group will comply with all the attached conditions.

Government grants receivable are recognised as income over the periods necessary to match them with the related costs which they are intended to compensate, on a systematic basis. Government grants relating to expenses are shown separately as other income.

Government grants relating to assets are deducted against the carrying amount of the assets.

Guidance notes

Government grants

1. Grants relating to income should be presented as a credit to the statement of comprehensive income, either separately or under a general heading such as “Other Income”. Alternatively, they may be deducted in reporting the related expense.

2. Grants related to assets, shall be presented in the balance sheet either by setting up the grant as deferred income or by deducting the grant in arriving at the carrying value of the asset.

Both methods are acceptable for the presentation of grants relating to income/assets.