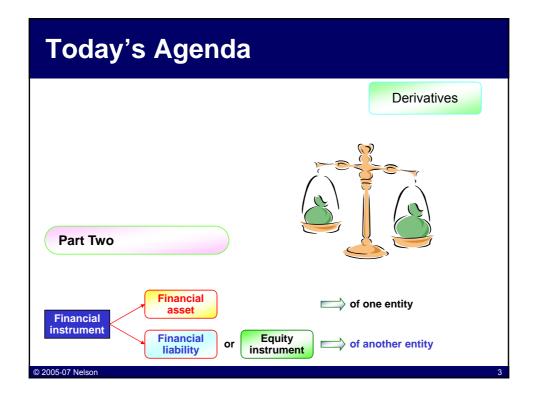
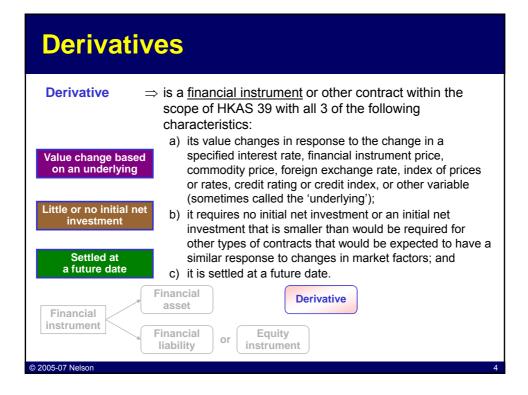
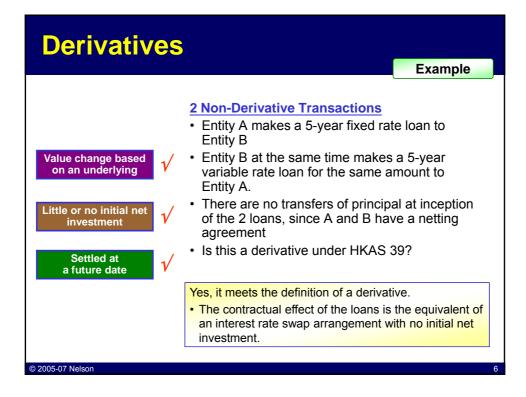


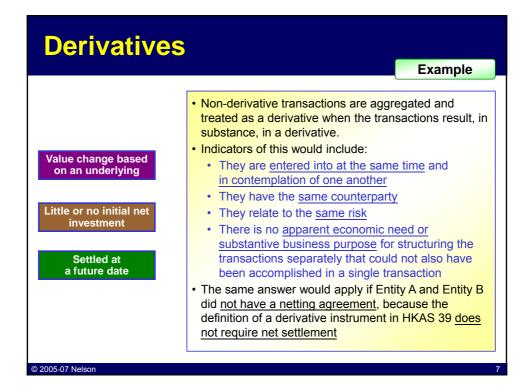
Today's Agenda	
Anyone who says they understand IAS 39	Derivatives
has not read it Professor Sir David Tweedie Chairman of IASB	Derecognition
	Hedging
Part Two	FI: Presentation
<ul> <li>Derivatives and Embedded Derviatives (HKAS 39)</li> <li>Derecognition (HKAS 39)</li> </ul>	FI: Disclosure
• Hedging (HKAS 39)	
Financial Instruments: Presentation (HKAS 32)	
<ul> <li>Financial Instruments: Disclosure (HKFRS 7)</li> </ul>	
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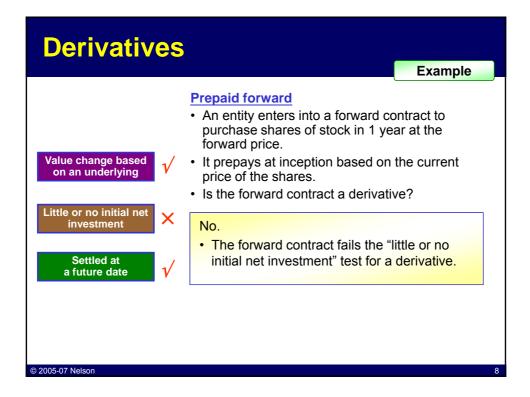




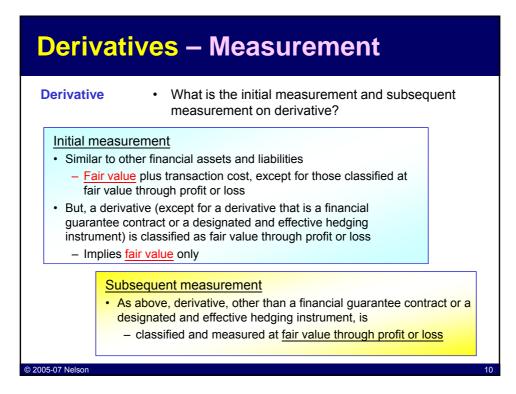
Derivatives			
		Example	e
Derivative	Type of contract	Underlying variable	
<ul> <li>Typical example:</li> <li>Future and forward</li> </ul>	Interest Rate Swap	Interest rates	
<ul> <li>Swap and options</li> </ul>	Currency Swap (Foreign Exchange Swap)	Currency rates	
Value change based	Commodity Swap	Commodity prices	
on an underlying	Equity Swap	Equity prices (equity of another entity)	-
Little or no initial net	Credit Swap	Credit rating, credit index or cre	edit
investment	Total Return Swap	Total fair value of the reference asset and interest rates	:
Settled at a future date	Purchased or Written Treasury Bond Option	Interest rates	
	Purchased or Written Currency Option	Currency rates	
	Currency Futures/Forward	Currency rates	
	Commodity Futures/Forward	Commodity prices	
	Equity Forward	Equity prices	
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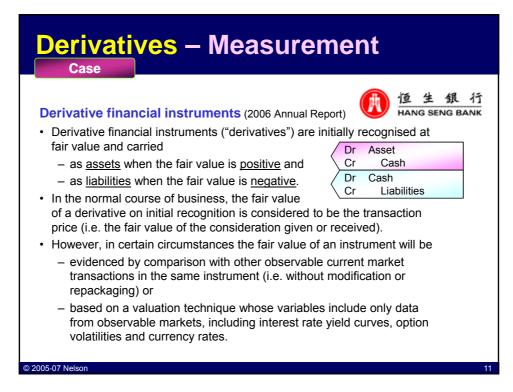


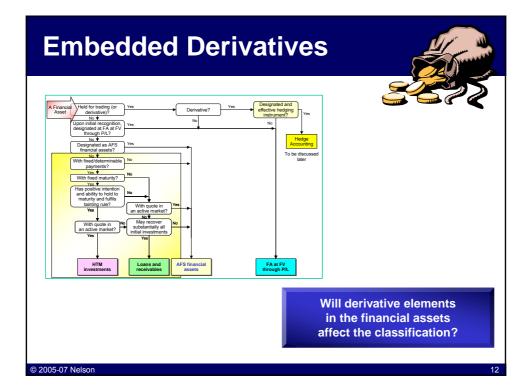


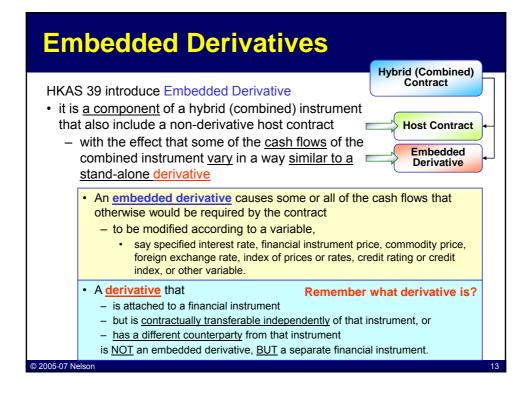


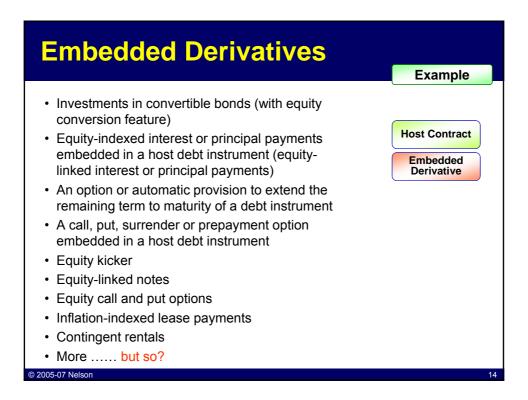
Derivatives		
		Example
Value change based v	<ul> <li>Margin deposit (or account)</li> <li>Many derivative instruments, succontracts and exchange traded v require margin accounts.</li> <li>Is the margin account part of the investment?</li> </ul>	vritten options,
Little or no initial net investment	No!  The margin account is not part net investment in a derivative i	
Settled at a future date 1	<ul> <li>Margin accounts are a form of the counterparty or clearing ho take the form of cash, securitie specified assets, typically liquid</li> </ul>	collateral for puse and may es or other d assets.
0.0001-02-11-1	Margin accounts are separate accounted for separately.	
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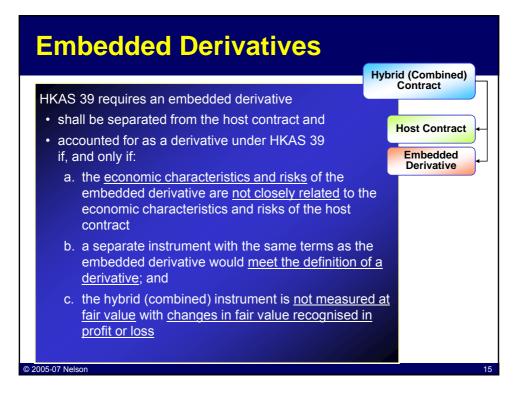


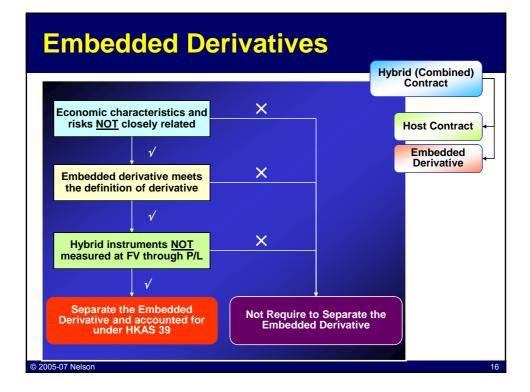




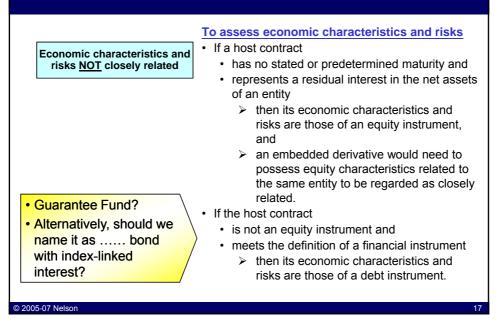


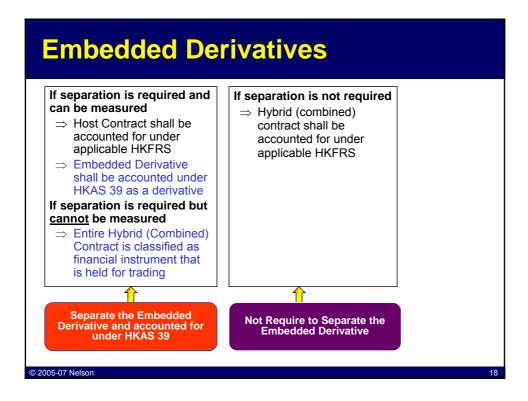


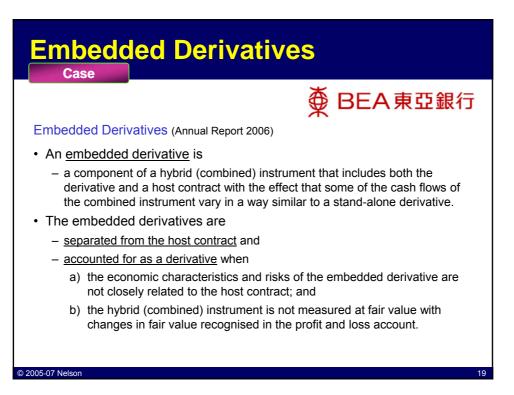




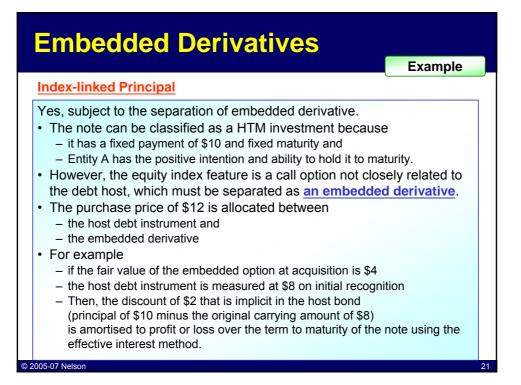
#### **Embedded Derivatives**

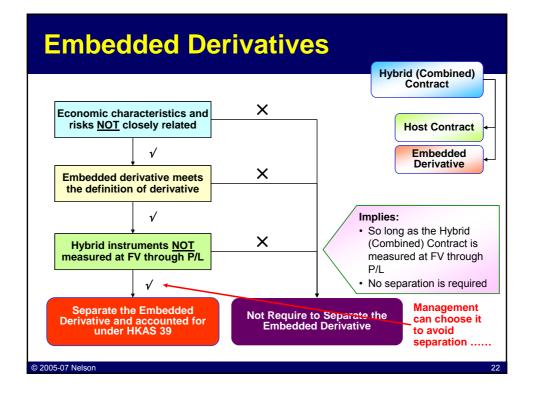




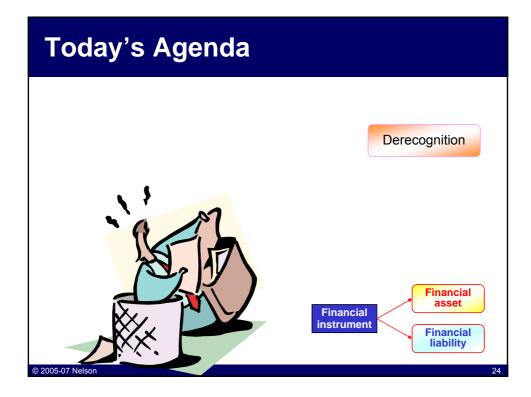


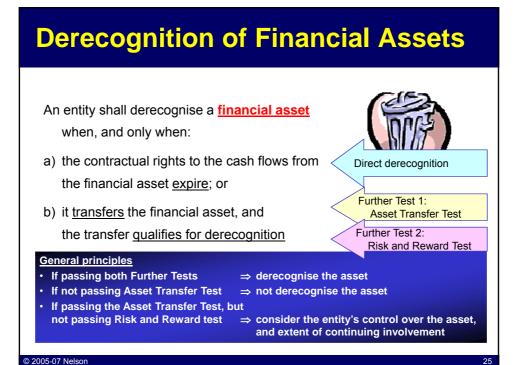
Embedded Derivatives	
	Example
Index-linked Principal	
<ul> <li>Entity A purchases a 5-year equity-index-linked note with issue price of \$10 at a market price of \$12 at the time of</li> </ul>	
The note requires no interest payments before maturity.	
<ul> <li>At maturity, the note requires</li> </ul>	
<ul> <li>Payment of the original issue price of \$10</li> </ul>	
<ul> <li>Plus a supplemental redemption amount that depends on whether</li> </ul>	
<ul> <li>a specified share price index &gt; a predetermined level at the maturity date.</li> </ul>	
<ul> <li>If the share index &lt; or = the predetermined level</li> </ul>	
<ul> <li>the supplemental redemption amount is zero</li> </ul>	
<ul> <li>If the share index &gt; the predetermined level</li> </ul>	
<ul> <li>the supplemental redemption amount equal a factor of l index at maturity</li> </ul>	evel of the share
<ul> <li>Entity A has the positive intention and ability to hold the</li> </ul>	note to maturity.
<ul> <li>Can Entity A classify the note as a held-to-maturity investigation</li> </ul>	tment?
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	20

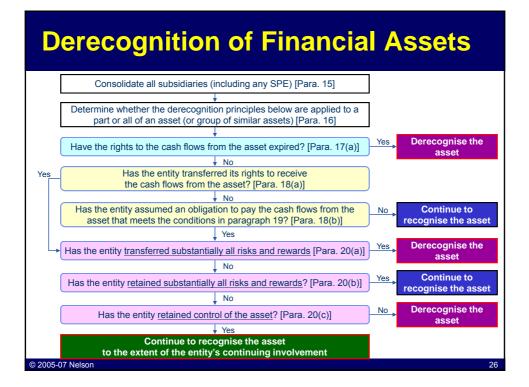


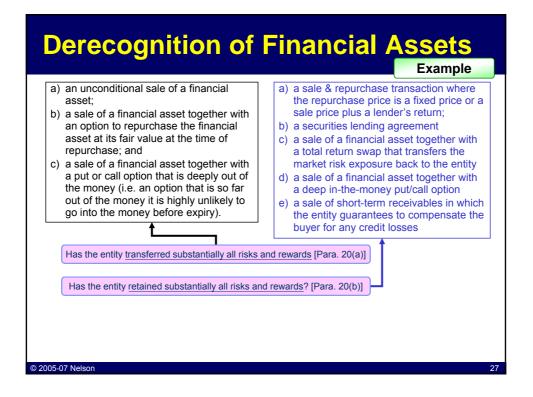


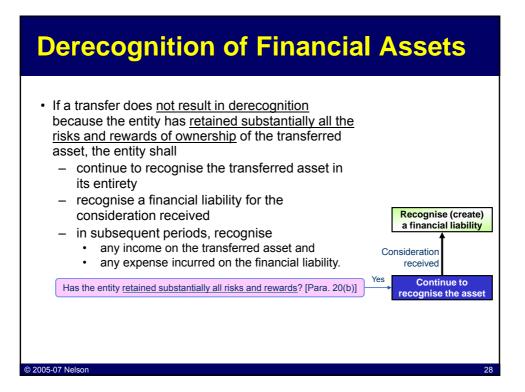


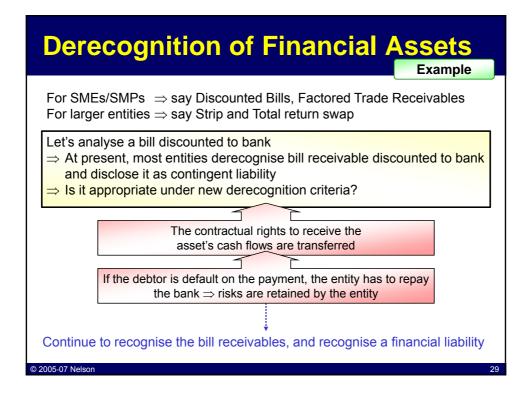


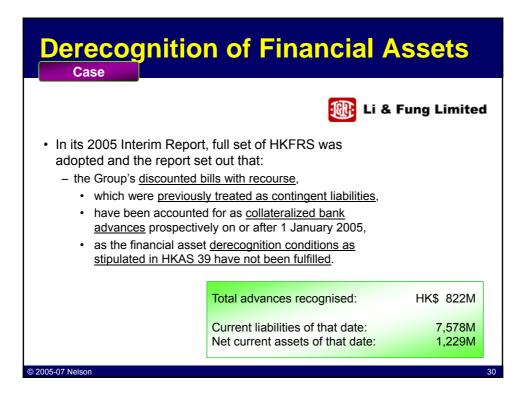












# Derecognition of Financial Assets

2005/06 Annual Report:

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- HKSA 39 provides <u>more rigorous criteria</u> for the derecognition of financial assets than the criteria applied in previous years.
- Under HKAS 39, a financial asset is derecognised, when and only when, either the <u>contractual rights to the asset's cash flows</u> <u>expire</u>, or <u>the asset is transferred</u> and <u>the transfer qualifies for</u> <u>derecognition</u> in accordance with HKAS 39. The decision as to whether a transfer qualifies for derecognition is made by applying a combination of <u>risks and rewards</u> and <u>control tests</u> .....
- The Company has applied the <u>relevant transitional provision</u> ......
- As a result, the Company's credit card receivables transferred to a special purpose entity under asset securitisation, which were derecognised prior to 20th February 2005, have not been restated.
- Any new transfer of credit card receivables to the SPE after 21st February 2005 has not been derecognised and remained as credit card receivables in the Company's financial statements.
  - This has resulted in a decrease in credit card securitisation income of HK\$23,700,000 in the current year.



Credit card

receivable

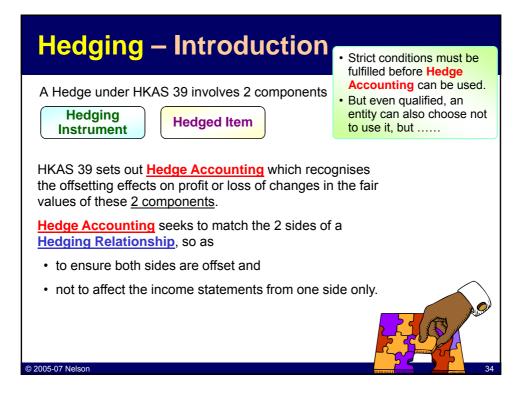
Turnover

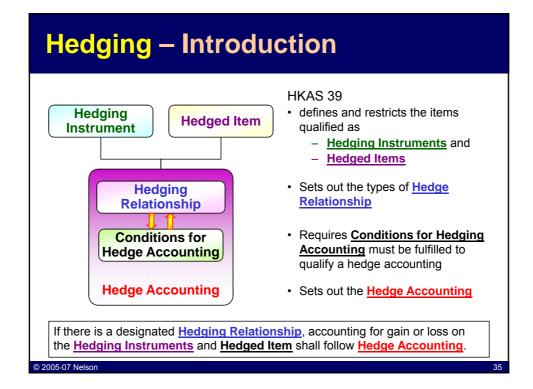
106%

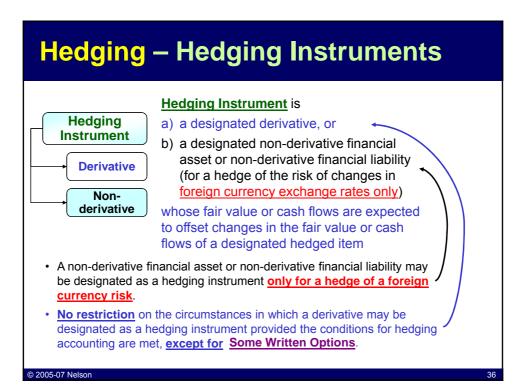
**↑**4%

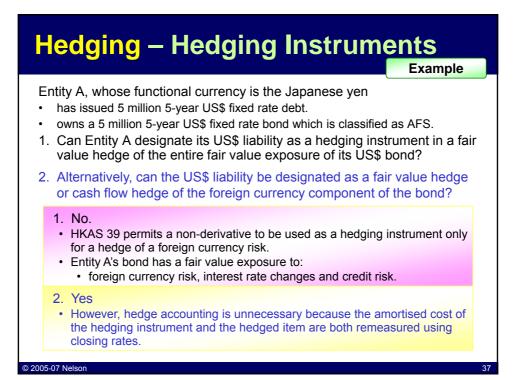
**Derecognition of Financial Liability**  An entity shall derecognise a financial liability (or part of a financial liability) when, and only when, it is extinguished i.e. obligation discharged or cancelled or expires · An exchange between an existing borrower and lender of debt instruments with substantially different terms shall be accounted for as an extinguishment of the original financial liability and the recognition of a NEW financial liability. · Similar accounting treatment is adopted for a substantial modification of the terms of an existing financial liability or a part of it The difference between the carrying amount of a financial liability extinguished or transferred to Financial another party and asset the consideration paid, including any **Financial** non-cash assets transferred or instrument Financial liabilities assumed liability shall be recognised in profit or loss. 2005-07 Nelsor

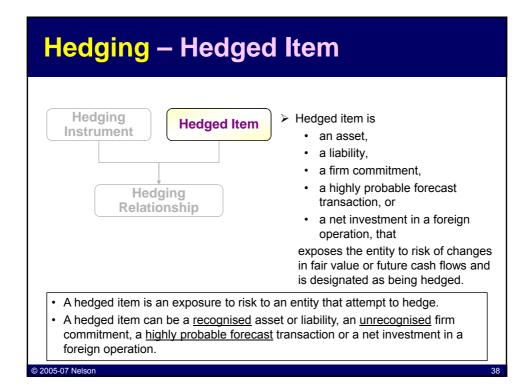


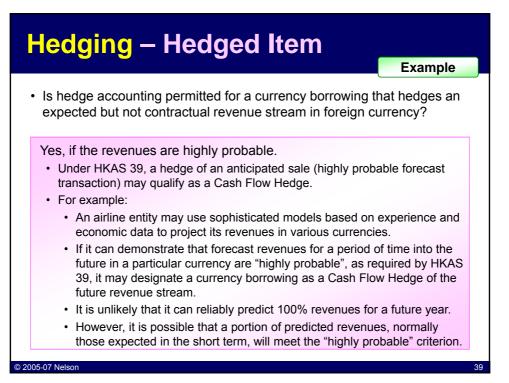


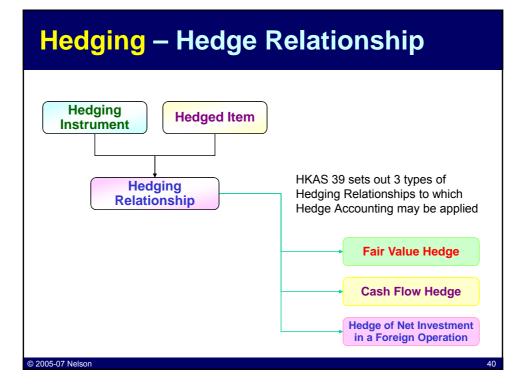






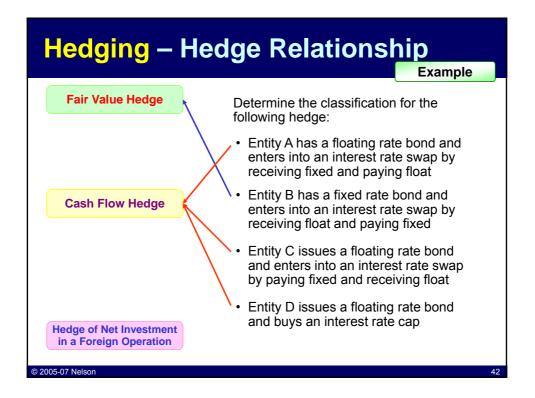






## Hedging – Hedge Relationship

Fair Value Hedge	<ul> <li>A hedge of the <u>exposure to changes in fair value</u> of</li> <li>a recognised asset or liability or an unrecognised firm commitment, or an identified portion of such items</li> <li>that is attributable to a particular risk and could affect P/L</li> </ul>
Cash Flow Hedge	<ul> <li>A hedge of the <u>exposure to variability in cash flows</u> that</li> <li>i) is attributable to a particular risk associated with a recognised asset or liability, or a highly probable forecast transaction and</li> <li>ii) could affect profit or loss</li> </ul>
	A hedge of the foreign currency risk of a firm commitment may be accounted for • as a fair value hedge or as a cash flow hedge
Hedge of Net Investment in a Foreign Operation	Hedge of a net investment in a foreign operation is as defined in HKAS 21 <i>The Effects of Changes in Foreign Exchange Rates</i>
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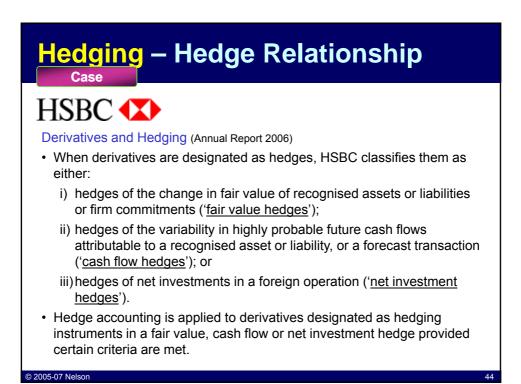


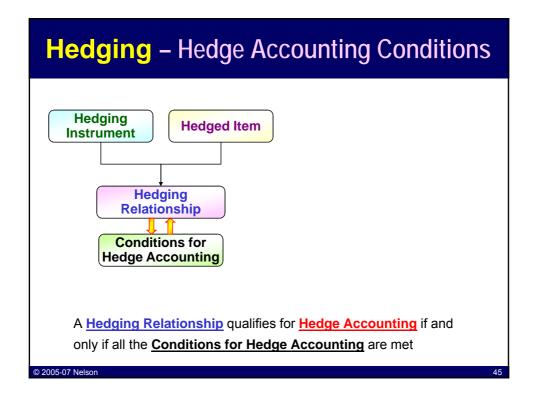
# Hedging – Hedge Relationship

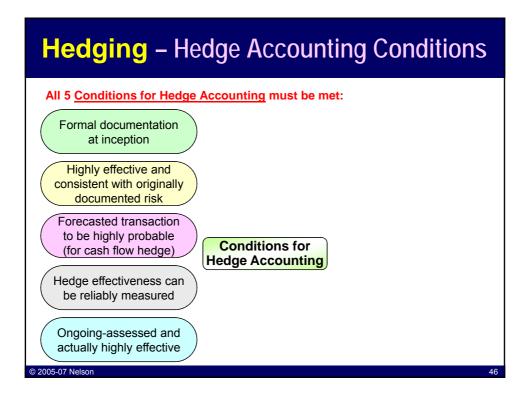
#### Esprit Holdings Limited

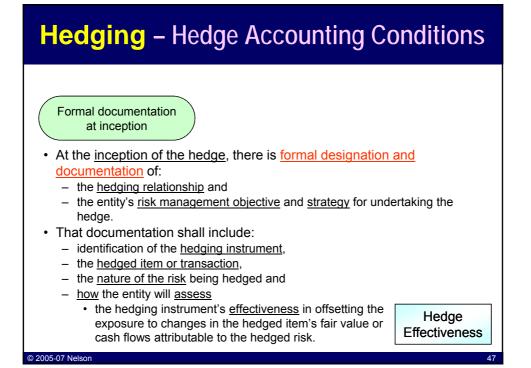
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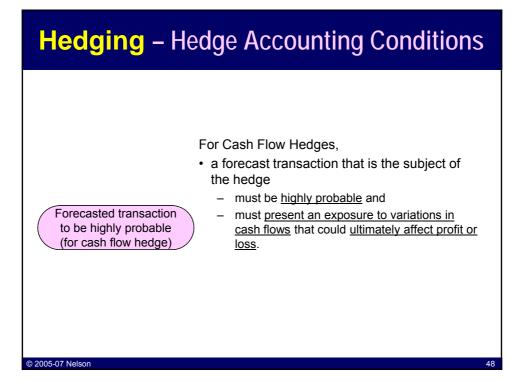
- · Accounting policy on derivative financial instruments
  - The method of recognising the resulting gain or loss where the <u>derivative</u> is designated as <u>a hedging</u> <u>instrument</u> depends on <u>the nature of the item being</u> <u>hedged</u>.
  - The Group can designate certain derivatives as either:
    - i) hedges of the fair value of recognised assets or liabilities or a firm commitment (Fair Value Hedges); or
    - ii) hedges of highly probable forecast transactions (Cash Flow Hedges).



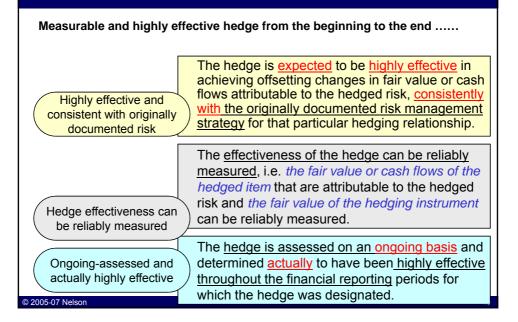


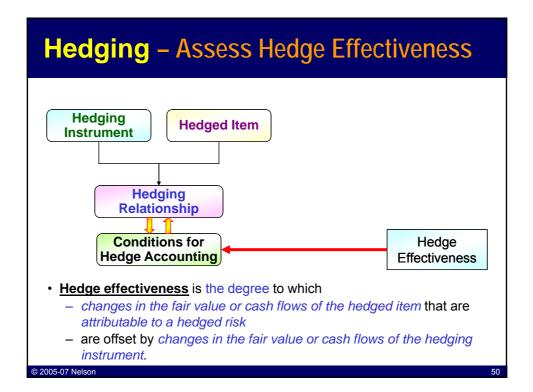


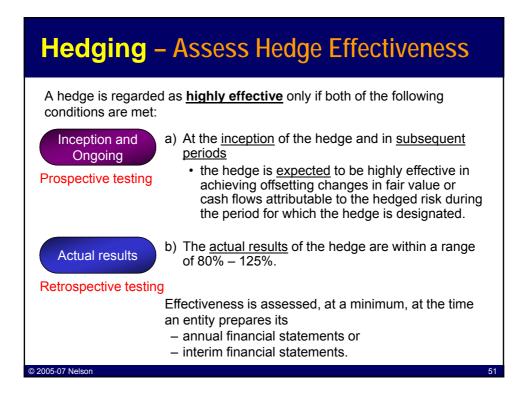


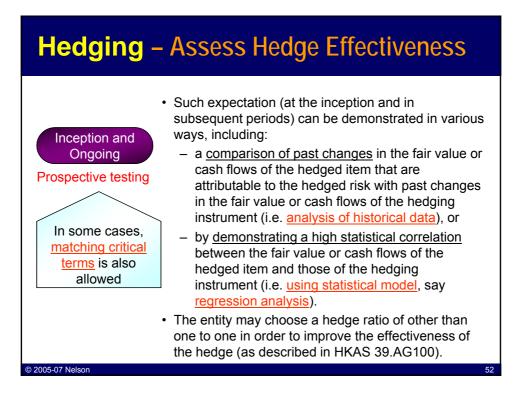


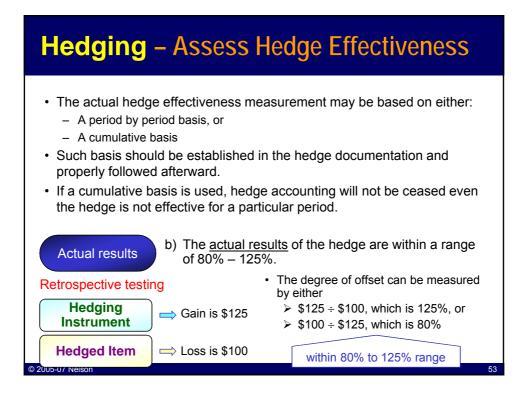
## **Hedging** – Hedge Accounting Conditions



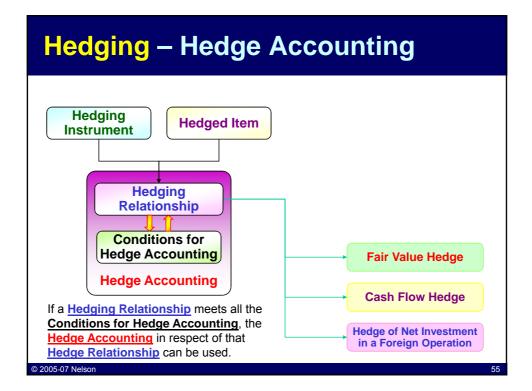




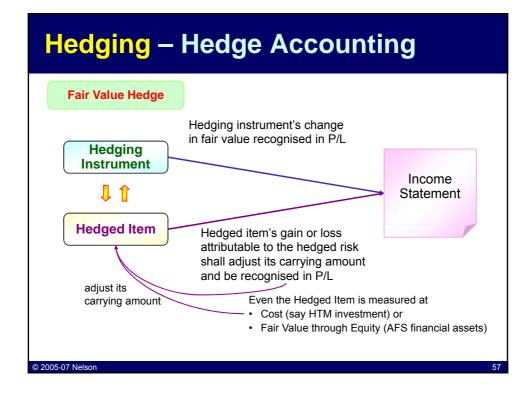


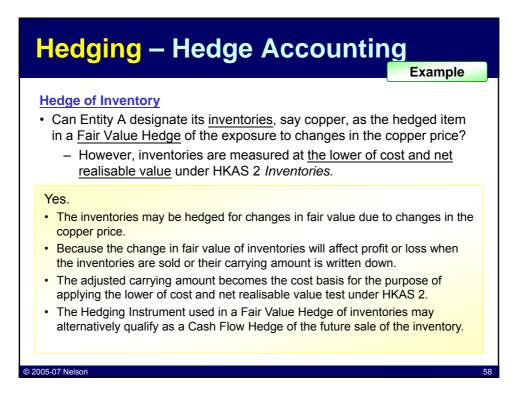






Hedging – Hedge Accounting		
Fair Value Hedge	⇒ Meets the Condition for Hedging Accounting, then:	
Hedging Instrument	<ul> <li>a) the gain or loss from re-measuring the Hedging Instrument at fair value (for a derivative hedging instrument) or the foreign currency component of its carrying amount measured in accordance with HKAS 21 (for a non-derivative hedging instrument)</li> <li>&gt; shall be recognised in profit or loss</li> <li>b) the gain or loss on the Hedged Item attributable</li> </ul>	
Hedged Item	<ul> <li>to the hedged risk</li> <li>shall adjust the carrying amount of the Hedged Item and be recognised in profit or loss.</li> <li>This applies if the hedged item is otherwise measured at cost.</li> <li>Recognition of the gain or loss attributable to the hedged risk in P/L applies if the hedged item is an available-for-sale financial asset.</li> </ul>	
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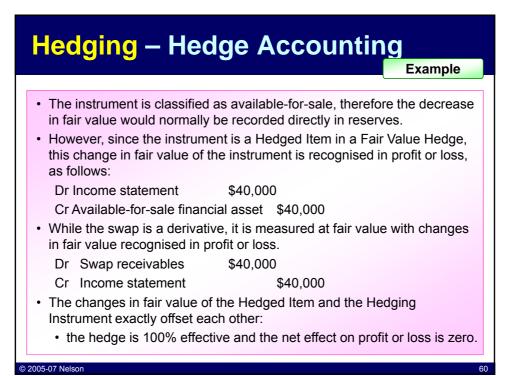


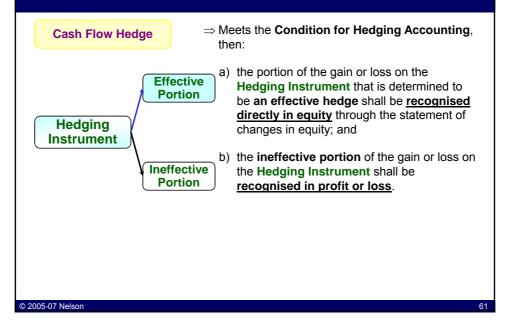
Example

#### Interest Rate Swap on A Fixed Rate Financial Asset

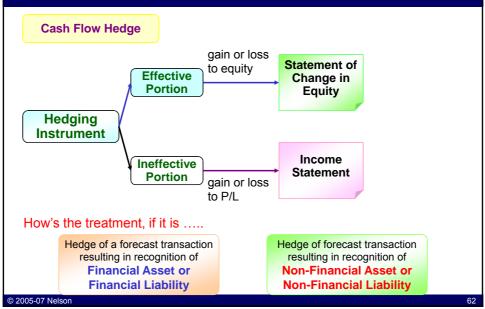
- Company A purchases a bond that
  - has a principal amount of \$1 million at a fixed interest rate of 6% per year.
  - is classified as an available-for-sale financial asset.
  - has a fair value of \$1 million.
- · The company enters into an interest rate swap.
  - It exchanges the fixed interest rate payments it receives on the bond for floating interest rate payments, in order to offset the risk of a decline in fair value.
  - It designates and documents the swap as a hedging instrument.
  - The swap has a fair value of zero at the inception of hedge.
- Assuming
  - The market interest rates have increased to 7% and the fair value of the bond will have decreased to \$960,000.
  - The fair value of the swap has increased by \$40,000.

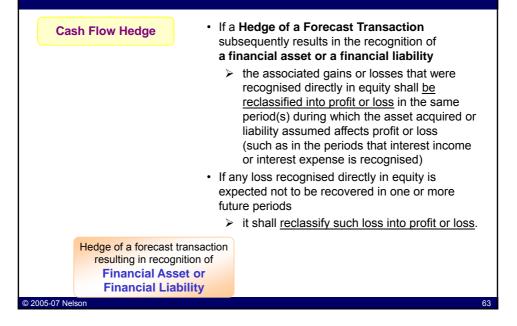
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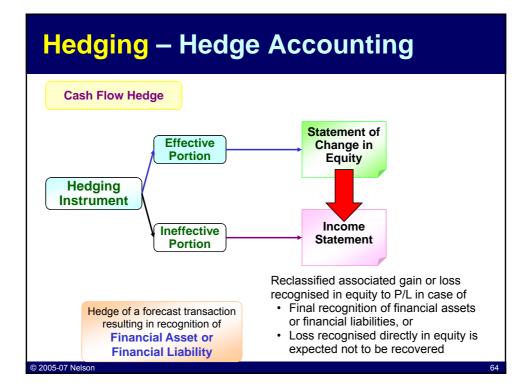




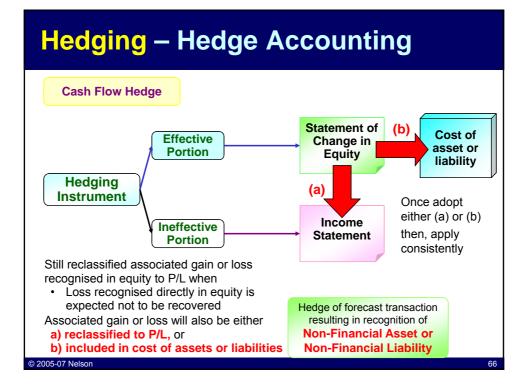
# Hedging – Hedge Accounting

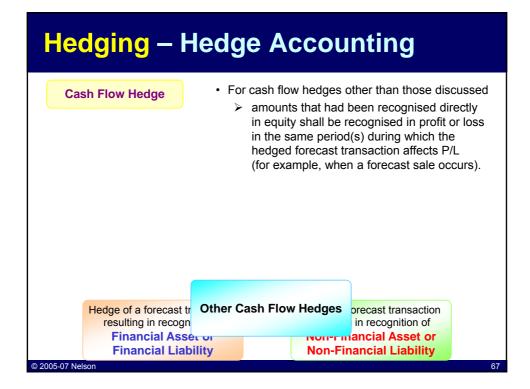


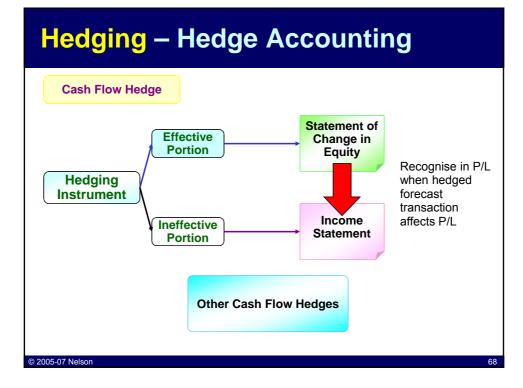




Hedging – Hedge Accounting	
<ul> <li>Cash Flow Hedge</li> <li>If a Hedge of a Forecast Transaction subsequently results in         <ul> <li>the recognition of a non-financial asset or a non-financial liability, or</li> <li>a forecast transaction for such non-financial item becomes a firm commitment for which fair value hedge accounting is applied</li> <li>Then an entity shall adopt (a) or (b) below:</li> </ul> </li> </ul>	
a) <u>Reclassifies</u> the associated gains and losses recognised in equity <u>into</u> <u>P/L</u> in the same period(s) during which the asset acquired or liability assumed affects P/L (such as in the	b) Removes the associated gains and losses recognised directly in equity, and <u>includes them in the initial cost</u> or other carrying amount of the asset or liability.
periods that depreciation expense or cost of sales is recognised). If any loss recognised directly in equity is expected not to be recovered in one or more future periods, it shall reclassify into P/L such loss.	Once adopt either (a) or (b), apply consistently Hedge of forecast transaction resulting in recognition of Non-Financial Asset or Non-Financial Liability





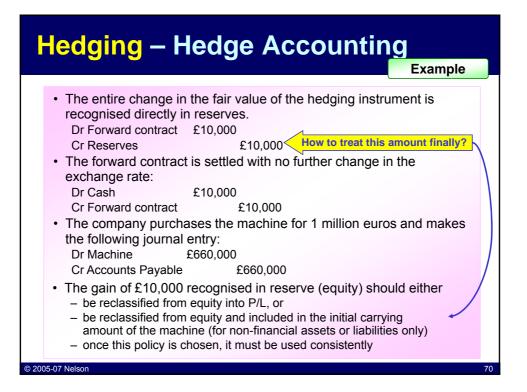


Example

#### Hedge of Forecast Transaction

- Entity A trades in UK mainly in UK Sterling.
  - It expects to purchase a machine for 1 million Euros in one year from 1 May 2006.
  - In order to offset the risk of increases in the Euro rate, Entity A enters into a forward contract to purchase 1 million Euros in 1 year for a fixed amount (£650,000).
  - The forward contract is designated as a Cash Flow Hedge.
  - At inception, the forward contract has a fair value of zero.
- · At the year-end of 31 October 2006
  - the Euro has appreciated and the value of 1 million Euros is £660,000.
  - The fair value of the forward contract rises to £10,000.
  - The machine will still cost 1 million Euros so the company concludes that the hedge is 100% effective.

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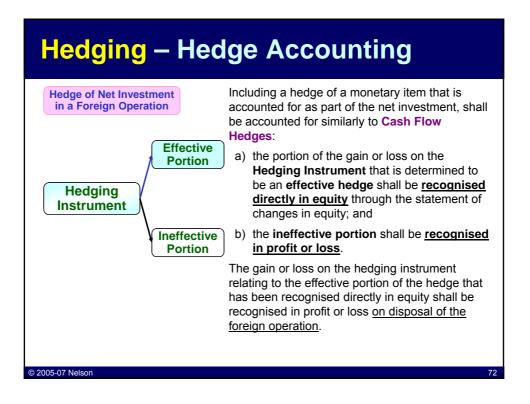


#### Cash Flow Hedges (2006 Annual Report)

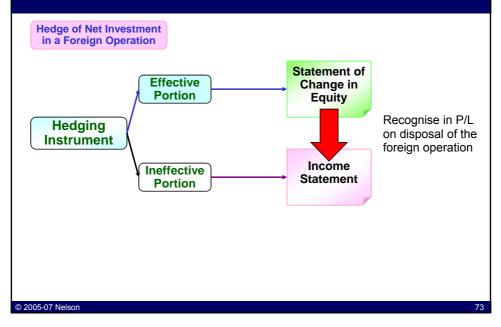


- <u>The effective portion</u> of changes in the fair value of derivatives that are designated and qualified as cash flow hedges are recognised in equity.
- Any gain or loss relating to <u>an ineffective portion</u> is <u>recognised immediately in</u> <u>the income statement</u> within "Trading income".
- For cash flow hedges of a recognised asset or liability, the associated cumulative gain or loss <u>is recycled from equity</u> and <u>recognised in the income</u> <u>statement</u> in the same periods during which the hedged cash flow affect profit and loss.
- When a hedging instrument expires or is sold, or when a hedge no longer meets the criteria for hedge accounting, any cumulative gain or loss existing in equity at that time remains in equity until the forecast transaction is ultimately recognised in the income statement.
- When a forecast transaction is no longer expected to occur, the cumulative gain
  or loss that was reported in equity is immediately transferred to the income
  statement.

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### **Hedging – Hedge Accounting**



# Hedge – Cease Hedge Accounting

An entity shall discontinue prospectively the Hedge Accounting if:

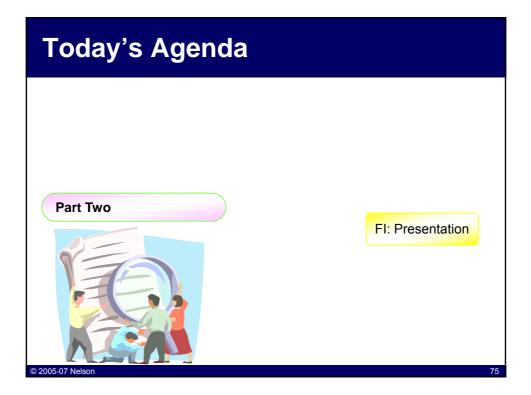
- a) the hedging instrument expires or is sold, terminated or exercised;
- b) the hedge no longer meets the Conditions for Hedge Accounting;
- c) the entity revokes the designation; or

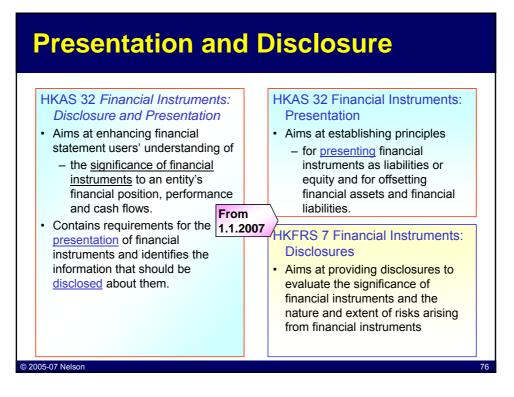
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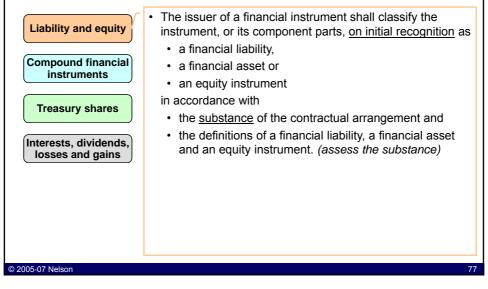
d) in case of a **Cash Flow Hedge**, the forecast transaction that is hedged is no longer expected to occur.

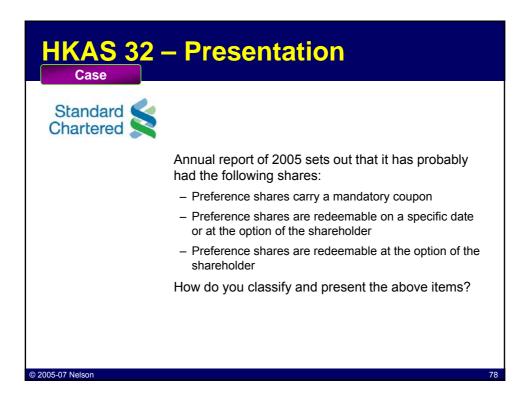
When the **Hedge Accounting** is discontinued (for **Cash Flow Hedge**), the cumulative gain or loss on the **Hedging Instrument** that remains recognised directly in equity shall:

- a) remain separately recognised in equity until the forecast transaction occurs; or
- b) be recognised in profit or loss if the forecast transaction is no longer expected to occur.





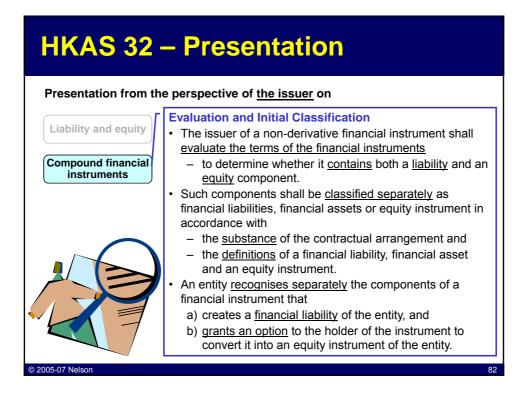




Liability and equity	<ul> <li>An instrument can be <u>an equity instrument</u> if, and only if, both conditions (a) and (b) below are met.</li> </ul>
Contractual obligation, including one arising from a derivative, that will or may result in the <u>future receipt or delivery</u> of the issuer's own <u>equity instruments</u> , but does not meet conditions (a) and (b) above, is not an equity instrument.	<ul> <li>a) The instrument includes <u>no contractual obligation</u>: <ul> <li>i) to <u>deliver cash or another financial asset</u>; or</li> <li>ii) to exchange financial instrument under conditions that are <u>potentially unfavourable</u> to the issuer.</li> </ul> </li> <li>b) If the instrument will or may be <u>settled in the issuer's own equity instruments</u>, it is: <ul> <li>i) a non-derivative that includes <u>no contractual obligation</u> to deliver <u>a variable no.</u> of its own equity instruments; or</li> <li>ii) a derivative that will be <u>settled only</u> by the issuer exchanging <u>a fixed amount of cash or another financial asset</u> for <u>a fixed number of its own equity instruments</u>.</li> </ul> </li> </ul>
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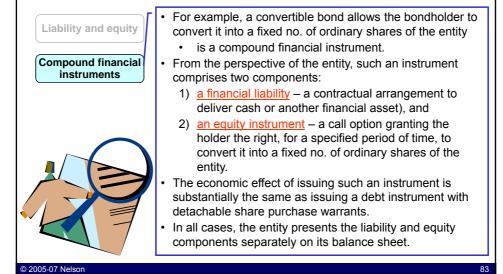
HKAS 32 – Presentation	Example				
Presentation from the perspective of the issuer on					
Liability and equity         Are the following financial liabilities instruments?	or <u>equity</u>				
<ul> <li>A contract to deliver as many of the entity's own equity instruments as are <u>equal in</u> <u>value to \$10,000</u>.</li> </ul>	ancial liability				
<ul> <li>A contract to deliver as many of the entity's own equity instruments as are <u>equal in</u> <u>value to the value of 100 ounces of gold</u>.</li> </ul>	ancial liability				
• Such a contract is <u>a financial liability</u> of the entity even though the entity must or can settle it by delivering its own equity instruments.					
It is not an equity instrument because the entity uses <u>a va</u> of its own equity instruments as a means to settle the con					
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|--|



Example

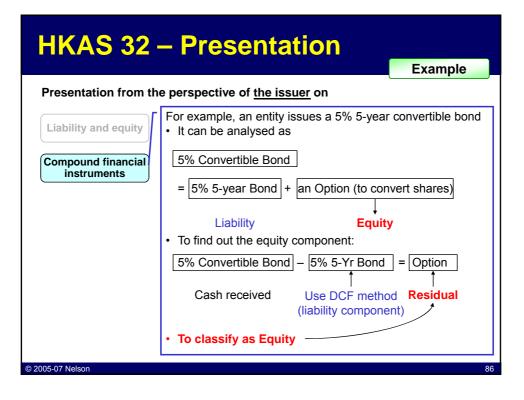
### Presentation from the perspective of the issuer on



### **HKAS 32 – Presentation**







Example

### Presentation from the perspective of the issuer on

Liability and equity

• An entity issues 2,000 convertible bonds at the start of year 1.

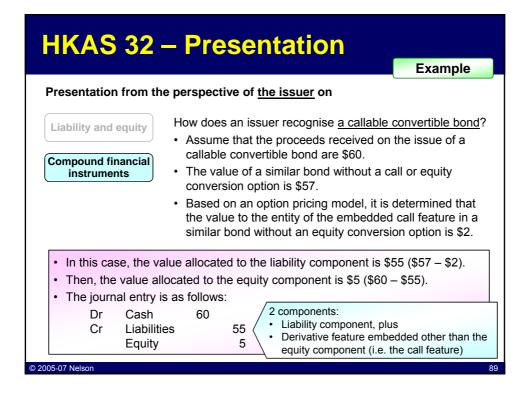
Compound financial instruments

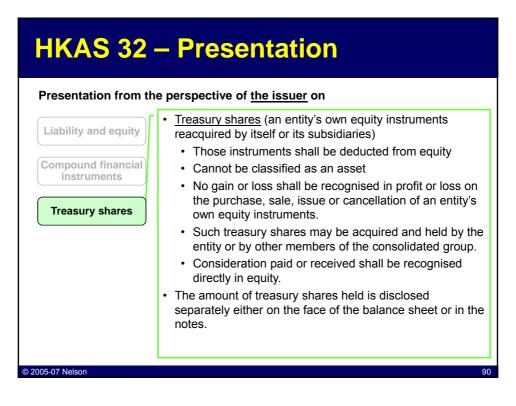
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The bonds have a 3-year term, and are issued at par with a face value of \$1,000 per bond, giving total proceeds of \$2,000,000.
Interest is payable annually in arrears at a nominal

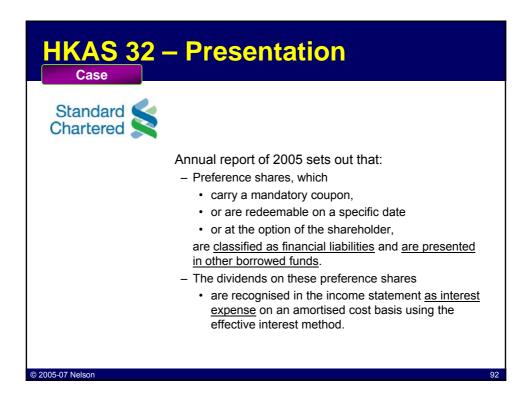
- annual interest rate of 6%.
- Each bond is convertible at any time up to maturity into 250 ordinary shares.
- When the bonds are issued, the prevailing market interest rate for similar debt without conversion options is 9%.
- Discuss and calculate in accordance with HKAS 32.

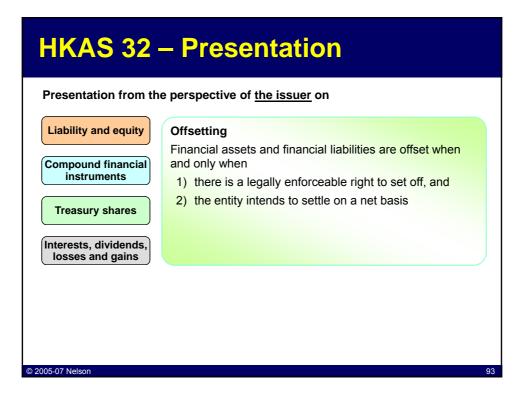
HKAS 32	- Presentation			
			Example	
Presentation from the	e perspective of <u>the issuer</u> on			_
Liability and equity Compound financial instruments	<ul> <li>The liability component is measured first difference between the proceeds of the the fair value of the liability is assigned component.</li> <li>The present value of the liability component and a discount rate of 9%, the market similar bonds having no conversion right.</li> </ul>	bor to th nen	nd issue and ne equity t is calculated	
Present value of the in \$120,000 payable a Total liability compone Equity component (by	e at the end of three years nterest annually in arrears for three years ent / deduction)		1,544,367 <u>303,755</u> 1,848,122 <u>151,878</u>	
Proceeds of the bond	Issue	\$	2,000,000	88





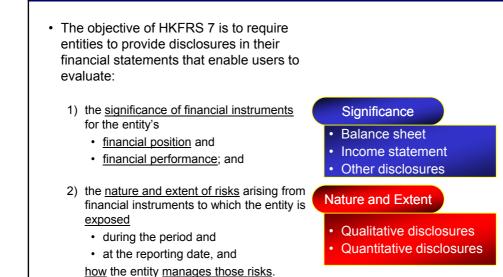
<ul> <li>Liability and equity</li> <li>Compound financial instruments</li> <li>Treasury shares</li> <li>Interests, dividends, losses and gains</li> <li>Interests, dividends, losses and gains</li> <li>Shall be debited by the entity directly to equity, net of any related income tax benefit.</li> <li>Transaction costs of an equity transaction, other than costs of issuing an equity instrument that are directly attributable to the acquisition of a business,</li> <li>Shall be accounted for as a deduction from equity, net of any related income tax benefit.</li> </ul>
Compound financial instruments       loss.         Treasury shares       Distributions to holders of an equity instrument         Interests, dividends, losses and gains       Transaction costs of an equity transaction, other than costs of issuing an equity instrument that are directly attributable to the acquisition of a business,         • shall be accounted for as a deduction from equity, ne
instruments       • Distributions to holders of an equity instrument         Treasury shares       • shall be <u>debited by the entity directly to equity</u> , net of any related income tax benefit.         Interests, dividends, losses and gains       • Transaction costs of an equity transaction, other than costs of issuing an equity instrument that are directly attributable to the acquisition of a business,         • shall be accounted for as a deduction from equity, ne
Treasury shares       any related income tax benefit.         Interests, dividends, losses and gains       • Transaction costs of an equity transaction, other than costs of issuing an equity instrument that are directly attributable to the acquisition of a business,         • shall be accounted for as a deduction from equity, ne
terests, dividends, losses and gainscosts of issuing an equity instrument that are directly attributable to the acquisition of a business, • shall be accounted for as a deduction from equity, ne
<ul> <li>shall be accounted for as a deduction from equity, ne</li> </ul>
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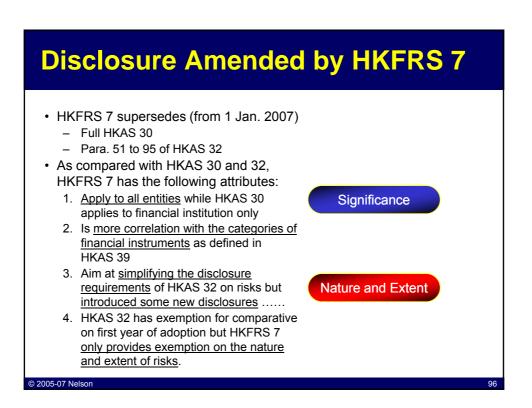


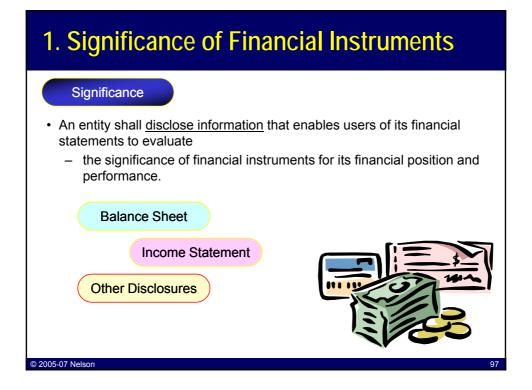
Today's Agenda	
Part Two	FI: Disclosure
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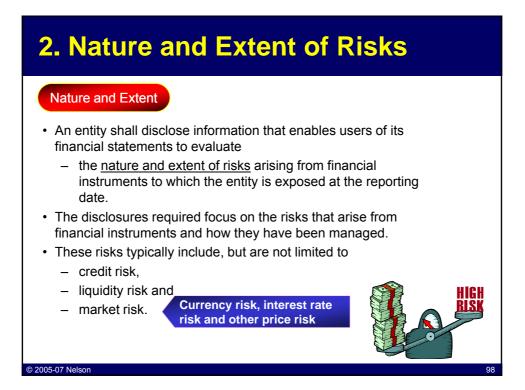
### **Disclosure Amended by HKFRS 7**

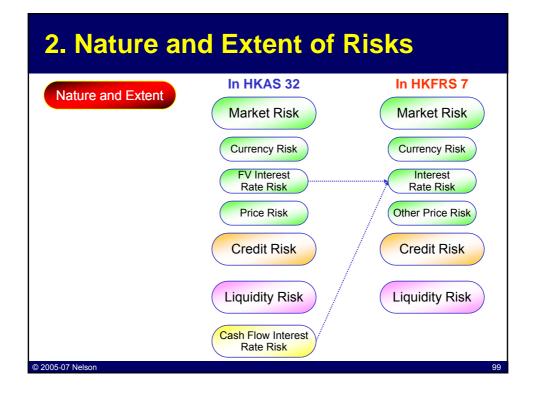


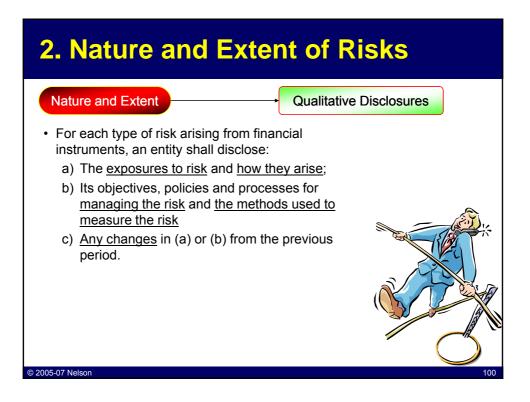
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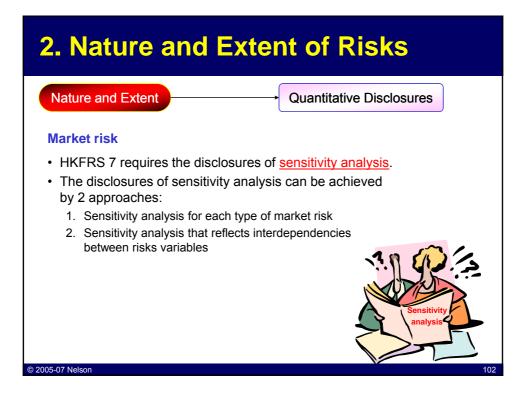


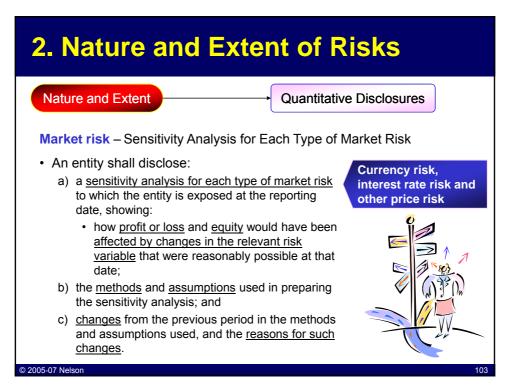


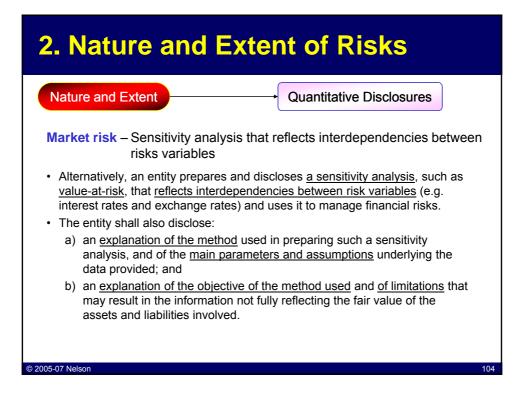


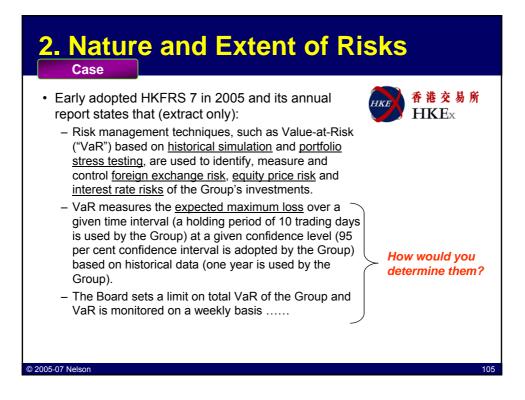


Nature and Extent     Quantitative Disclosures     For each type of risk arising from financial     instruments, an entity shall disclose: <u>Summary quantitative data</u> about its exposure to that
instruments, an entity shall disclose:
risk <u>at the reporting date</u> . • The level of detail of such disclosure is based on: • The information provided internally to key management personnel of the entity (as defined in HKAS 24 <i>Related Party Disclosures</i> ), for example the entity's board of directors or chief executive officer. • If the quantitative data disclosed as at the reporting date are unrepresentative of an entity's exposure to risk during the period, an entity shall provide further information that is representative.









### 2. Nature and Extent of Risks

- Case
- Early adopted HKFRS 7 in 2005 and its annual report states that (extract only):





 The VaR for each risk factor and the total VaR of the investments of the Group and HKEx during the year were as follows:

		Group			HKEx	
		2005		2005		
	Average	Highest	Lowest	Average	Highest	Lowest
	\$million	\$million	\$million	\$million	\$million	\$million
Foreign exchange risk	5	6.1	3.6	0.2	0.7	-
Equity price risk	8.5	11.2	6.6	-	-	-
Interest rate risk	20.5	24	14.4	-	-	-
Total VaR	23.5	26.9	20.4	0.2	0.7	-



