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**STATUTORY BOARD  
FINANCIAL  
REPORTING STANDARD**

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**SB-FRS 111**

**Joint Arrangements  
Illustrative Examples**

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## Illustrative examples

### SB-FRS 111 *Joint Arrangements*

*These examples accompany, but are not part of, SB-FRS 111. They illustrate aspects of SB-FRS 111 but are not intended to provide interpretative guidance.*

IE1 These examples portray hypothetical situations illustrating the judgements that might be used when applying SB-FRS 111 in different situations. Although some aspects of the examples may be present in actual fact patterns, all relevant facts and circumstances of a particular fact pattern would need to be evaluated when applying SB-FRS 111.

#### **Example 1 – Construction services**

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IE2 A and B (the parties) are two companies whose businesses are the provision of many types of public and private construction services. They set up a contractual arrangement to work together for the purpose of fulfilling a contract with a government for the design and construction of a road between two cities. The contractual arrangement determines the participation shares of A and B and establishes joint control of the arrangement, the subject matter of which is the delivery of the road.

IE3 The parties set up a separate vehicle (entity Z) through which to conduct the arrangement. Entity Z, on behalf of A and B, enters into the contract with the government. In addition, the assets and liabilities relating to the arrangement are held in entity Z. The main feature of entity Z's legal form is that the parties, not entity Z, have rights to the assets, and obligations for the liabilities, of the entity.

IE4 The contractual arrangement between A and B additionally establishes that:

- (a) the rights to all the assets needed to undertake the activities of the arrangement are shared by the parties on the basis of their participation shares in the arrangement;
- (b) the parties have several and joint responsibility for all operating and financial obligations relating to the activities of the arrangement on the basis of their participation shares in the arrangement; and
- (c) the profit or loss resulting from the activities of the arrangement is shared by A and B on the basis of their participation shares in the arrangement.

IE5 For the purposes of co-ordinating and overseeing the activities, A and B appoint an operator, who will be an employee of one of the parties. After a specified time, the role of the operator will rotate to an employee of the other party. A and B agree that the activities will be executed by the operator's employees on a 'no gain or loss' basis.

- IE6 In accordance with the terms specified in the contract with the government, entity Z invoices the construction services to the government on behalf of the parties.

### **Analysis**

- IE7 The joint arrangement is carried out through a separate vehicle whose legal form does not confer separation between the parties and the separate vehicle (ie the assets and liabilities held in entity Z are the parties' assets and liabilities). This is reinforced by the terms agreed by the parties in their contractual arrangement, which state that A and B have rights to the assets, and obligations for the liabilities, relating to the arrangement that is conducted through entity Z. The joint arrangement is a joint operation.
- IE8 A and B each recognise in their financial statements their share of the assets (eg property, plant and equipment, accounts receivable) and their share of any liabilities resulting from the arrangement (eg accounts payable to third parties) on the basis of their agreed participation share. Each also recognises its share of the revenue and expenses resulting from the construction services provided to the government through entity Z.

### **Example 2 – Shopping centre operated jointly**

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- IE9 Two real estate companies (the parties) set up a separate vehicle (entity X) for the purpose of acquiring and operating a shopping centre. The contractual arrangement between the parties establishes joint control of the activities that are conducted in entity X. The main feature of entity X's legal form is that the entity, not the parties, has rights to the assets, and obligations for the liabilities, relating to the arrangement. These activities include the rental of the retail units, managing the car park, maintaining the centre and its equipment, such as lifts, and building the reputation and customer base for the centre as a whole.
- IE10 The terms of the contractual arrangement are such that:
- (a) entity X owns the shopping centre. The contractual arrangement does not specify that the parties have rights to the shopping centre.
  - (b) the parties are not liable in respect of the debts, liabilities or obligations of entity X. If entity X is unable to pay any of its debts or other liabilities or to discharge its obligations to third parties, the liability of each party to any third party will be limited to the unpaid amount of that party's capital contribution.
  - (c) the parties have the right to sell or pledge their interests in entity X.
  - (d) each party receives a share of the income from operating the shopping centre (which is the rental income net of the operating costs) in accordance with its interest in entity X.

## Analysis

- IE11 The joint arrangement is carried out through a separate vehicle whose legal form causes the separate vehicle to be considered in its own right (ie the assets and liabilities held in the separate vehicle are the assets and liabilities of the separate vehicle and not the assets and liabilities of the parties). In addition, the terms of the contractual arrangement do not specify that the parties have rights to the assets, or obligations for the liabilities, relating to the arrangement. Instead, the terms of the contractual arrangement establish that the parties have rights to the net assets of entity X.
- IE12 On the basis of the description above, there are no other facts and circumstances that indicate that the parties have rights to substantially all the economic benefits of the assets relating to the arrangement, and that the parties have an obligation for the liabilities relating to the arrangement. The joint arrangement is a joint venture.
- IE13 The parties recognise their rights to the net assets of entity X as investments and account for them using the equity method.

## Example 3 – Joint manufacturing and distribution of a product

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- IE14 Companies A and B (the parties) have set up a strategic and operating agreement (the framework agreement) in which they have agreed the terms according to which they will conduct the manufacturing and distribution of a product (product P) in different markets.
- IE15 The parties have agreed to conduct manufacturing and distribution activities by establishing joint arrangements, as described below:
- (a) Manufacturing activity: the parties have agreed to undertake the manufacturing activity through a joint arrangement (the manufacturing arrangement). The manufacturing arrangement is structured in a separate vehicle (entity M) whose legal form causes it to be considered in its own right (ie the assets and liabilities held in entity M are the assets and liabilities of entity M and not the assets and liabilities of the parties). In accordance with the framework agreement, the parties have committed themselves to purchasing the whole production of product P manufactured by the manufacturing arrangement in accordance with their ownership interests in entity M. The parties subsequently sell product P to another arrangement, jointly controlled by the two parties themselves, that has been established exclusively for the distribution of product P as described below. Neither the framework agreement nor the contractual arrangement between A and B dealing with the manufacturing activity specifies that the parties have rights to the assets, and obligations for the liabilities, relating to the manufacturing activity.

- (b) Distribution activity: the parties have agreed to undertake the distribution activity through a joint arrangement (the distribution arrangement). The parties have structured the distribution arrangement in a separate vehicle (entity D) whose legal form causes it to be considered in its own right (ie the assets and liabilities held in entity D are the assets and liabilities of entity D and not the assets and liabilities of the parties). In accordance with the framework agreement, the distribution arrangement orders its requirements for product P from the parties according to the needs of the different markets where the distribution arrangement sells the product. Neither the framework agreement nor the contractual arrangement between A and B dealing with the distribution activity specifies that the parties have rights to the assets, and obligations for the liabilities, relating to the distribution activity.

IE16 In addition, the framework agreement establishes:

- (a) that the manufacturing arrangement will produce product P to meet the requirements for product P that the distribution arrangement places on the parties;
- (b) the commercial terms relating to the sale of product P by the manufacturing arrangement to the parties. The manufacturing arrangement will sell product P to the parties at a price agreed by A and B that covers all production costs incurred. Subsequently, the parties sell the product to the distribution arrangement at a price agreed by A and B.
- (c) that any cash shortages that the manufacturing arrangement may incur will be financed by the parties in accordance with their ownership interests in entity M.

## **Analysis**

IE17 The framework agreement sets up the terms under which parties A and B conduct the manufacturing and distribution of product P. These activities are undertaken through joint arrangements whose purpose is either the manufacturing or the distribution of product P.

IE18 The parties carry out the manufacturing arrangement through entity M whose legal form confers separation between the parties and the entity. In addition, neither the framework agreement nor the contractual arrangement dealing with the manufacturing activity specifies that the parties have rights to the assets, and obligations for the liabilities, relating to the manufacturing activity. However, when considering the following facts and circumstances the parties have concluded that the manufacturing arrangement is a joint operation:

- (a) The parties have committed themselves to purchasing the whole production of product P manufactured by the manufacturing arrangement. Consequently, A and B have rights to substantially all the economic benefits of the assets of the manufacturing arrangement.

- (b) The manufacturing arrangement manufactures product P to meet the quantity and quality needs of the parties so that they can fulfil the demand for product P of the distribution arrangement. The exclusive dependence of the manufacturing arrangement upon the parties for the generation of cash flows and the parties' commitments to provide funds when the manufacturing arrangement incurs any cash shortages indicate that the parties have an obligation for the liabilities of the manufacturing arrangement, because those liabilities will be settled through the parties' purchases of product P or by the parties' direct provision of funds.
- IE19 The parties carry out the distribution activities through entity D, whose legal form confers separation between the parties and the entity. In addition, neither the framework agreement nor the contractual arrangement dealing with the distribution activity specifies that the parties have rights to the assets, and obligations for the liabilities, relating to the distribution activity.
- IE20 There are no other facts and circumstances that indicate that the parties have rights to substantially all the economic benefits of the assets relating to the distribution arrangement or that the parties have an obligation for the liabilities relating to that arrangement. The distribution arrangement is a joint venture.
- IE21 A and B each recognise in their financial statements their share of the assets (eg property, plant and equipment, cash) and their share of any liabilities resulting from the manufacturing arrangement (eg accounts payable to third parties) on the basis of their ownership interest in entity M. Each party also recognises its share of the expenses resulting from the manufacture of product P incurred by the manufacturing arrangement and its share of the revenues relating to the sales of product P to the distribution arrangement.
- IE22 The parties recognise their rights to the net assets of the distribution arrangement as investments and account for them using the equity method.

### **Variation**

- IE23 Assume that the parties agree that the manufacturing arrangement described above is responsible not only for manufacturing product P, but also for its distribution to third-party customers.
- IE24 The parties also agree to set up a distribution arrangement like the one described above to distribute product P exclusively to assist in widening the distribution of product P in additional specific markets.
- IE25 The manufacturing arrangement also sells product P directly to the distribution arrangement. No fixed proportion of the production of the manufacturing arrangement is committed to be purchased by, or to be reserved to, the distribution arrangement.

## Analysis

- IE26 The variation has affected neither the legal form of the separate vehicle in which the manufacturing activity is conducted nor the contractual terms relating to the parties' rights to the assets, and obligations for the liabilities, relating to the manufacturing activity. However, it causes the manufacturing arrangement to be a self-financed arrangement because it is able to undertake trade on its own behalf, distributing product P to third-party customers and, consequently, assuming demand, inventory and credit risks. Even though the manufacturing arrangement might also sell product P to the distribution arrangement, in this scenario the manufacturing arrangement is not dependent on the parties to be able to carry out its activities on a continuous basis. In this case, the manufacturing arrangement is a joint venture.
- IE27 The variation has no effect on the classification of the distribution arrangement as a joint venture.
- IE28 The parties recognise their rights to the net assets of the manufacturing arrangement and their rights to the net assets of the distribution arrangement as investments and account for them using the equity method.

## Example 4 – Bank operated jointly

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- IE29 Banks A and B (the parties) agreed to combine their corporate, investment banking, asset management and services activities by establishing a separate vehicle (bank C). Both parties expect the arrangement to benefit them in different ways. Bank A believes that the arrangement could enable it to achieve its strategic plans to increase its size, offering an opportunity to exploit its full potential for organic growth through an enlarged offering of products and services. Bank B expects the arrangement to reinforce its offering in financial savings and market products.
- IE30 The main feature of bank C's legal form is that it causes the separate vehicle to be considered in its own right (ie the assets and liabilities held in the separate vehicle are the assets and liabilities of the separate vehicle and not the assets and liabilities of the parties). Banks A and B each have a 40 per cent ownership interest in bank C, with the remaining 20 per cent being listed and widely held. The shareholders' agreement between bank A and bank B establishes joint control of the activities of bank C.
- IE31 In addition, bank A and bank B entered into an irrevocable agreement under which, even in the event of a dispute, both banks agree to provide the necessary funds in equal amount and, if required, jointly and severally, to ensure that bank C complies with the applicable legislation and banking regulations, and honours any commitments made to the banking authorities. This commitment represents the assumption by each party of 50 per cent of any funds needed to ensure that bank C complies with legislation and banking regulations.

## Analysis

- IE32 The joint arrangement is carried out through a separate vehicle whose legal form confers separation between the parties and the separate vehicle. The terms of the contractual arrangement do not specify that the parties have rights to the assets, or obligations for the liabilities, of bank C, but it establishes that the parties have rights to the net assets of bank C. The commitment by the parties to provide support if bank C is not able to comply with the applicable legislation and banking regulations is not by itself a determinant that the parties have an obligation for the liabilities of bank C. There are no other facts and circumstances that indicate that the parties have rights to substantially all the economic benefits of the assets of bank C and that the parties have an obligation for the liabilities of bank C. The joint arrangement is a joint venture.
- IE33 Both banks A and B recognise their rights to the net assets of bank C as investments and account for them using the equity method.

## Example 5 – Oil and gas exploration, development and production activities

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- IE34 Companies A and B (the parties) set up a separate vehicle (entity H) and a Joint Operating Agreement (JOA) to undertake oil and gas exploration, development and production activities in country O. The main feature of entity H's legal form is that it causes the separate vehicle to be considered in its own right (ie the assets and liabilities held in the separate vehicle are the assets and liabilities of the separate vehicle and not the assets and liabilities of the parties).
- IE35 Country O has granted entity H permits for the oil and gas exploration, development and production activities to be undertaken in a specific assigned block of land (fields).
- IE36 The shareholders' agreement and JOA agreed by the parties establish their rights and obligations relating to those activities. The main terms of those agreements are summarised below.

### Shareholders' agreement

- IE37 The board of entity H consists of a director from each party. Each party has a 50 per cent shareholding in entity H. The unanimous consent of the directors is required for any resolution to be passed.

### Joint Operating Agreement (JOA)

- IE38 The JOA establishes an Operating Committee. This Committee consists of one representative from each party. Each party has a 50 per cent participating interest in the Operating Committee.

- IE39 The Operating Committee approves the budgets and work programmes relating to the activities, which also require the unanimous consent of the representatives of each party. One of the parties is appointed as operator and is responsible for managing and conducting the approved work programmes.
- IE40 The JOA specifies that the rights and obligations arising from the exploration, development and production activities shall be shared among the parties in proportion to each party's shareholding in entity H. In particular, the JOA establishes that the parties share:
- (a) the rights and the obligations arising from the exploration and development permits granted to entity H (eg the permits, rehabilitation liabilities, any royalties and taxes payable);
  - (b) the production obtained; and
  - (c) all costs associated with all work programmes.
- IE41 The costs incurred in relation to all the work programmes are covered by cash calls on the parties. If either party fails to satisfy its monetary obligations, the other is required to contribute to entity H the amount in default. The amount in default is regarded as a debt owed by the defaulting party to the other party.

### **Analysis**

- IE42 The parties carry out the joint arrangement through a separate vehicle whose legal form confers separation between the parties and the separate vehicle. The parties have been able to reverse the initial assessment of their rights and obligations arising from the legal form of the separate vehicle in which the arrangement is conducted. They have done this by agreeing terms in the JOA that entitle them to rights to the assets (eg exploration and development permits, production, and any other assets arising from the activities) and obligations for the liabilities (eg all costs and obligations arising from the work programmes) that are held in entity H. The joint arrangement is a joint operation.
- IE43 Both company A and company B recognise in their financial statements their own share of the assets and of any liabilities resulting from the arrangement on the basis of their agreed participating interest. On that basis, each party also recognises its share of the revenue (from the sale of their share of the production) and its share of the expenses.

### **Example 6 – Liquefied natural gas arrangement**

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- IE44 Company A owns an undeveloped gas field that contains substantial gas resources. Company A determines that the gas field will be economically viable only if the gas is sold to customers in overseas markets. To do so, a liquefied natural gas (LNG) facility must be built to liquefy the gas so that it can be transported by ship to the overseas markets.

- IE45 Company A enters into a joint arrangement with company B in order to develop and operate the gas field and the LNG facility. Under that arrangement, companies A and B (the parties) agree to contribute the gas field and cash, respectively, to a new separate vehicle, entity C. In exchange for those contributions, the parties each take a 50 per cent ownership interest in entity C. The main feature of entity C's legal form is that it causes the separate vehicle to be considered in its own right (ie the assets and liabilities held in the separate vehicle are the assets and liabilities of the separate vehicle and not the assets and liabilities of the parties).
- IE46 The contractual arrangement between the parties specifies that:
- (a) companies A and B must each appoint two members to the board of entity C. The board of directors must unanimously agree the strategy and investments made by entity C.
  - (b) day-to-day management of the gas field and LNG facility, including development and construction activities, will be undertaken by the staff of company B in accordance with the directions jointly agreed by the parties. Entity C will reimburse B for the costs it incurs in managing the gas field and LNG facility.
  - (c) entity C is liable for taxes and royalties on the production and sale of LNG as well as for other liabilities incurred in the ordinary course of business, such as accounts payable, site restoration and decommissioning liabilities.
  - (d) companies A and B have equal shares in the profit from the activities carried out in the arrangement and, as such, are entitled to equal shares of any dividends distributed by entity C.
- IE47 The contractual arrangement does not specify that either party has rights to the assets, or obligations for the liabilities, of entity C.
- IE48 The board of entity C decides to enter into a financing arrangement with a syndicate of lenders to help fund the development of the gas field and construction of the LNG facility. The estimated total cost of the development and construction is CU1,000 million.\*
- IE49 The lending syndicate provides entity C with a CU700 million loan. The arrangement specifies that the syndicate has recourse to companies A and B only if entity C defaults on the loan arrangement during the development of the field and construction of the LNG facility. The lending syndicate agrees that it will not have recourse to companies A and B once the LNG facility is in production because it has assessed that the cash inflows that entity C should generate from LNG sales will be sufficient to meet the loan repayments. Although at this time the lenders have no recourse to companies A and B, the syndicate maintains protection against default by entity C by taking a lien on the LNG facility.

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\* In this example monetary amounts are denominated in 'currency units (CU)'.

## Analysis

- IE50 The joint arrangement is carried out through a separate vehicle whose legal form confers separation between the parties and the separate vehicle. The terms of the contractual arrangement do not specify that the parties have rights to the assets, or obligations for the liabilities, of entity C, but they establish that the parties have rights to the net assets of entity C. The recourse nature of the financing arrangement during the development of the gas field and construction of the LNG facility (ie companies A and B providing separate guarantees during this phase) does not, by itself, impose on the parties an obligation for the liabilities of entity C (ie the loan is a liability of entity C). Companies A and B have separate liabilities, which are their guarantees to repay that loan if entity C defaults during the development and construction phase.
- IE51 There are no other facts and circumstances that indicate that the parties have rights to substantially all the economic benefits of the assets of entity C and that the parties have an obligation for the liabilities of entity C. The joint arrangement is a joint venture.
- IE52 The parties recognise their rights to the net assets of entity C as investments and account for them using the equity method.