

Task IM-13.4: Eigenkapitalveränderungsrechnung

(Statement of Changes in Equity along IFRSs)

ALDRUP AG is a company based on shares and applies the Company's act in Germany (AktG). ALDRUP AG has been established in 20X2 by a share issue of 100,000 ordinary shares at 1.00 EUR each. The share issue was at 1.05 EUR/share.

ALDRUP AG earned a profit after taxes as displayed in the table below:

Accounting period	Earnings after tax
20X2	(80,000.00)
20X3	100,000.00
20X4	(8,000.00)
20X5	100,000.00

Exhibit 1: Profit earned after income tax

The appropriation of profit is in every year: Dividend (to be paid in the next accounting period): 40 %, Reserves: 30 % and profit carried forward: 30 %. The percentages are linked to the distributable amount which is the annual surplus plus the profit carried forward from previous periods. § 150 AktG applies which requires deducting 5 % of the annual surplus in case capital reserves and legal reserves are below the mark of 10 % of the issued capital. The amount has to be put to Legal Reserves account. Only dissolve legal reserves or capital reserves if required.

However, in 20X4 ALDRUP AG dissolved other earnings reserves in order to cover the loss less (not more!). There were no changes regarding legal or capital reserves during that accounting period of 20X4.

On 1.07.20X4 ALDRUP AG issued 50,000 preference shares which are non-redeemable but cumulative. The dividend is fixed to be 8 % of the face value. However, in 20X4 no preference dividend is declared. The face value of the preference shares is 1.00 EUR/share. The issue price was 3.00 EUR/share.

As the preference shares are cumulative the dividend not declared in 20X4 will be declared a year later. Accordingly, the preference dividend amounts to 150 % of a normal preference dividend in 20X5.

Required: Prepare the statement of changes in equity ALDRUP AG along IFRSs for the year that ended on 31.12.20X5. It is necessary to provide information about the previous period for comparison purpose.

ALDRUP AG ist eine Aktiengesellschaft. ALDRUP AG wurde in 20X2 durch Ausgabe von 100.000 Stammaktien zu jeweils 1,00 EUR gegründet. Der Bezugskurs war 1,05 EUR/Aktie.

ALDRUP AG hat die folgenden Ergebnisse nach Steuern erwirtschaftet, siehe Tabelle.:

<u>Abrechnungsperiode</u>	<u>Gewinn nach St.</u>
20X2	(80,000.00)
20X3	100,000.00
20X4	(8,000.00)
20X5	100,000.00

Exhibit 1: Gewinne

Die Gewinnverwendung ist in jedem Jahr: Dividende (in der nächsten Periode zu zahlen): 40 %, Rücklagen 30 % und Gewinnvortrag: 30 %. Die Prozentangaben beziehen sich auf den zur Verwendung verfügbaren Betrag, der der Jahresüberschuss plus der Gewinnvortrag ist. Es gilt der § 150 AktG, der erfordert, dass 5 % des Jahresüberschusses in die gesetzlichen Rücklagen einzustellen sind, wenn die Kapitalrücklagen und gesetzlichen Gewinnrücklagen zusammen unterhalb von 10 % des gezeichneten Kapitals liegen. Lösen Sie gesetzliche Rücklagen und Kapitalrücklagen nur auf, wenn nötig.

In 20X4 löst ALDRUP AG sonstige Rücklagen auf um den Verlust (nicht mehr) zu decken. Es gibt keine Veränderung in anderen Rücklagen in der Abrechnungsperiode 20X4.

Am 1.07.20X4 gibt ALDRUP AG 50,000 Vorzugsaktien aus, die nicht einziehbar aber kumulativ sind. Die Dividende beträgt 8 % des Nennbetrags. In 20X4 wird jedoch keine Vorzugsdividende ausgeschüttet. Der Nennbetrag der Vorzugsaktien beträgt 1,00 EUR/Aktie. Der Bezugskurs war 3,00 EUR/Aktie.

Weil die Vorzugsaktien kumulativ sind und keine Dividende in 20X4 ausgeschüttet wurde, muss sie nachgeholt werden. Entsprechend beträgt die Vorzugsdividende in 20X5 150 % der normalen.

As the preference shares are cumulative the dividend not declared in 20X4 will be declared a year later. Accordingly, the preference dividend amounts to 150 % of a normal preference dividend in 20X5.

Gefordert: Erstellen Sie eine Eigenkapitalveränderungsrechnung nach IFRS für das Geschäftsjahr, das am 31.12.20X5 endet. Es müssen Vergleichsinformationen für die Vorperiode angegeben werden.

Solution (Lösung)

It is a save approach to make bookkeeping entries for all accounting periods: However, as the profit is given it is fine to just assume the profit has been recorded with a contra entry in the cash account. The full statement is not required for that reason, it doesn't bother to make debit and credit entries in the Cash/Bank account.

In 20X2:

(1) Share issue of ordinary shares.

DR Cash/Bank	105,000.00 EUR
CR Issued Capital	100,000.00 EUR
CR Capital Reserves	5,000.00 EUR

(2) ALDRUP AG makes a loss in 20X2. The loss is recorded with contra entry made in the Cash/Bank account.

DR P&L-20X2 Account	80,000.00 EUR
CR Cash/Bank	80,000.00 EUR

In the first year the profit is carried forward to the next accounting period 20X3.

In the next year the profit is 100,000.00 EUR.

(a) Recording the profit

DR Cash/Bank	100,000.00 EUR
CR P&L-20X3 Account	100,000.00 EUR

In 20X3 ALDRUP AG has to put 5 % of the profit less loss carried forward into the Legal Reserves account.

(b) Transfer to legal reserves: $(100,000 - 80,000) \times 5\% = 1,000.00 \text{ EUR}$.

DR Retained Earnings	1,000.00 EUR
CR Legal Reserves	1,000.00 EUR

(c, d) Appropriation of the remaining profit is along the 40 : 30 : 30 ratio. Dividend is $40\% \times (100,000 - 80,000 - 1,000) = 7,600.00 \text{ EUR}$. Earnings reserves will increase by $30\% (100,000 - 80,000 - 1,000) = 5,700.00 \text{ EUR}$.

DR Retained Earnings	5,700.00 EUR
CR Earnings Reserves	5,700.00 EUR

DR Retained Earnings	7,600.00 EUR
CR Shareholder for Dividend	7,600.00 EUR

Bookkeeping entries in 20X4:

(A) Payment to shareholders (not required for solution):

DR Shareholders for Dividend	7,600.00 EUR
CR Cash/Bank	7,600.00 EUR

(B) Recording the loss of 35,000.00 EUR.

DR P&L-20X4 Account	35,000.00 EUR
CR Cash/Bank	35,000.00 EUR

(C) ALDRUP AG dissolves Earnings reserves to an extent of $8,000 - 5,700 = 2,300.00 \text{ EUR}$.

DR Earnings Reserves	2,300.00 EUR
CR Retained Earnings	2,300.00 EUR

In that accounting period of 20X4 there is no appropriation of profit further.

(D) ALDRUP AG issues 50,000 preference shares at 3.00 EUR each: $50,000 \times 3 = 150,000.00$ EUR.

DR Cash/Bank	150,000.00 EUR
CR Issued Capital	50,000.00 EUR
CR Capital Reserves	100,000.00 EUR

Recording profit in 20X5:

(i) Profit recorded:

DR P&L-20X5	100,000.00 EUR
CR Cash/Bank	100,000.00 EUR

(ii) Because of the high capital reserves no crediting to the Legal Reserves is required. Before the appropriation of profit can take place ALDRUP AG has to declare a 150 %-preference dividend: $150\% \times 8\% \times 50,000 = 6,000.00$ EUR.

DR Retained Earnings	6,000.00 EUR
CR Shareholder for Dividend	6,000.00 EUR

(iii, iv) The dividend and the earnings reserves are based on the remaining amount of $100,000 - 6,000 = 94,000.00$ EUR. The ordinary dividend is $40\% \times 94,000 = 37,200.00$ EUR. The amount put into the Earnings Reserves account equals to: $30\% \times 94,000 = 28,200.00$ EUR.

DR Retained Earnings	37,600.00 EUR
CR Shareholder for Dividend	37,600.00 EUR
 DR Retained Earnings	 28,200.00 EUR
CR Earnings Reserves	28,200.00 EUR

Observe the accounts:

D Capital reserves C	
c/d	5,000.00
	(1) 5,000.00
	b/d 5,000.00
c/d	105,000.00
	(D) 100,000.00
	105,000.00
	b/d 105,000.00

D Issued capital (ordinary) C	
c/d	100,000.00
	(1) 100,000.00
	b/d 100,000.00
c/d	150,000.00
	(D) 50,000.00
	150,000.00
	b/d 150,000.00

D Cash/Bank C	
(1)	105,000.00
	(2) 80,000.00
	c/d 25,000.00
	105,000.00
b/d	25,000.00
(a)	100,000.00
	c/d 125,000.00
	125,000.00
b/d	125,000.00
(D)	150,000.00
	(A) 7,600.00
	(B) 8,000.00
	c/d 259,400.00
	275,000.00
b/d	259,400.00
(i)	100,000.00
	c/d 359,400.00
	359,400.00
b/d	359,400.00

D Retained earnings R/E C	
P&L-X2	80,000.00
b/d	80,000.00
LegRes	1,000.00
EarRes	5,700.00
SH4D	7,600.00
c/d	5,700.00
	100,000.00
P&L-X4	8,000.00
	b/d 5,700.00
	(B) 2,300.00
	8,000.00
SH4pD	6,000.00
SH4oD	37,600.00
EarRes	28,200.00
c/d	28,200.00
	100,000.00
	b/d 28,200.00

D P&L-20X2 C	
(2)	80,000.00
b/d	80,000.00
	R/E 80,000.00

D P&L-20X3 C	
c/d	100,000.00
R/E	100,000.00
	(a) 100,000.00
	b/d 100,000.00

D Legal reserves LegRes C	
c/d	1,000.00
	LegRes 1,000.00
	b/d 1,000.00

D Earnings Reserves EarRes C	
c/d	5,700.00
(B)	2,300.00
c/d	3,400.00
	5,700.00
	b/d 3,400.00
c/d	31,600.00
	R/E 28,200.00
	31,600.00
	b/d 31,600.00

D Shareholder for dividend SH4D C	
(A)	7,600.00
	SH4D 7,600.00
	SH4pD 6,000.00
c/d	43,600.00
	SH4oD 37,600.00
	43,600.00
	b/d 43,600.00

D P&L-20X4 C	
(B)	8,000.00
b/d	8,000.00
	c/d 8,000.00
	R/E 8,000.00

D P&L-20X5 C	
c/d	100,000.00
R/E	100,000.00
	(i) 100,000.00
	b/d 100,000.00

Exhibit 3: Accounts

**Aldrup AG's
STATEMENT OF CHANGES IN EQUITY
for 20X4**

	Issued capital	Earnings reserves	Capital reserves	Retained Earnings	Total Shareholders' Equity
Equity as at 31.12.20X3	100,000.00	6,700.00	5,000.00	5,700.00	117,400.00
Profit 20X4				(8,000.00)	(8,000.00)
Dissolving earnings reserves		(2,300.00)		2,300.00	0.00
Issue of preference shares	50,000.00		100,000.00		150,000.00
Equity as at 31.12.20X4	150,000.00	4,400.00	105,000.00	0.00	259,400.00
Profit 20X5				100,000.00	100,000.00
Preference dividend				(6,000.00)	(6,000.00)
Appropriation of profit - Dividend				(37,600.00)	(37,600.00)
Appropriation of profit - EarRes		28,200.00		(28,200.00)	
Equity as at 31.12.20X5	150,000.00	32,600.00	105,000.00	28,200.00	315,800.00

Exhibit 3: Statement of changes in equity

The earnings reserves contain legal reserves.