Job order

Accounting

القيود المحاسبية الخاصة بشراء المواد وصرف المواد للإنتاج

Cost of purchase materials = unit price × number of units purchased

Purchases of materials (direct and indirect) **on credit**.

|  |  |  |
| --- | --- | --- |
|  | Materials Control | ××× |
|  |  | Accounts Payable Control | ××× |

Purchases of materials (direct and indirect) **cash**:

|  |  |  |
| --- | --- | --- |
|   | Materials Control | ××× |
|  |  | Cash Control | ××× |

Purchases of materials (direct and indirect) cash & credit:

|  |  |  |
| --- | --- | --- |
|  | Materials Control | ××× |
|  |  | cash Control | ××× |
|  |  | Accounts Payable Control | ××× |

To record the flow of Requested direct materials from the Materials Inventory account into the Work in Process Inventory account, the entry in journal form is:

Or

When spend Requested direct materials to the production:

|  |  |  |
| --- | --- | --- |
|  | Work-in-Process Control | ××× |
|  |  | Materials Control | ××× |

To record the flow of requested indirect materials from the Materials Inventory account into the Overhead account, the entry in journal form is:

|  |  |  |
| --- | --- | --- |
|  | Manufacturing Overhead Control | ××× |
|  |  | Materials Control | ××× |

When spend direct and indirect requested materials to the production:

|  |  |  |
| --- | --- | --- |
|  | Work-in-Process Control |  |
|  | Manufacturing Overhead Control |  |
|  |  | Materials Control |  |

القيود المحاسبية الخاصة بإثبات صرف الأجور المباشرة

Direct labor = Hourly wage × number of hours worked × number of working days

عند صرف الأجور المباشرة

Manufacturing payroll: direct labor and paid in cash

|  |  |  |
| --- | --- | --- |
|  | Work-in-Process Control | ××× |
|  |  | Cash Control \ wage payable | ××× |

عند صرف الأجور غير المباشرة

Manufacturing payroll: indirect labor

|  |  |  |
| --- | --- | --- |
|  | Manufacturing Overhead Control | ××× |
|  |  | Cash Control \ wage payable | ××× |

عند صرف الأجور المباشرة وغير المباشرة

Manufacturing payroll for February: direct labor and indirect labor:

|  |  |  |
| --- | --- | --- |
|  | Work-in-Process Control | ××× |
|  | Manufacturing Overhead Control | ××× |
|  |  | Cash Control \ wage payable | ××× |

القيود المحاسبية الخاصة بالتكاليف الصناعية غير المباشرة

عند إثبات التكاليف الصناعية النقدية

Other manufacturing overhead costs incurred during February, $75,000, consisting of supervision and engineering salaries, $44,000 (paid in cash); plant utilities, repairs, and insurance, $13,000 (paid in cash)

|  |  |  |
| --- | --- | --- |
|  | Manufacturing Overhead Control | 57,000 |
|  |  | Cash Control | 57,000 |

عند أثبات التكاليف الصناعية غير نقدية (الاندثار)

Other manufacturing overhead costs incurred during February, plant depreciation, $18,000

|  |  |  |
| --- | --- | --- |
|  | Manufacturing Overhead Control | 18,000 |
|  |  | Accumulated Depreciation Control | 18,000 |

عند إثبات التكاليف الصناعية النقدية وغير النقدية

Other manufacturing overhead costs incurred during February, $75,000, consisting of supervision and engineering salaries, $44,000 (paid in cash); plant utilities, repairs, and insurance, $13,000 (paid in cash); and plant depreciation, $18,000

|  |  |  |
| --- | --- | --- |
|  | Manufacturing Overhead Control | 75,000 |
|  |  | Cash Control | 57,000 |
|  |  | Accumulated Depreciation Control | 18,000 |

عند تحميل التكاليف الصناعية المحملة على الأمر الإنتاجي

Allocation of manufacturing overhead to jobs

|  |  |  |
| --- | --- | --- |
|   | Work-in-Process Control | ××× |
|  |  | Manufacturing Overhead Allocated | ××× |

بعد استخراج رصيد التكاليف الصناعية غير المباشرة الفعلية، بعد ذلك يتم غلق التكاليف الصناعية غير المباشرة المحملة بالفعلية، ففي حال عدم وجود انحراف يكون القيد:

|  |  |  |
| --- | --- | --- |
|   | Manufacturing Overhead Allocated | ××× |
|  |  | Manufacturing Overhead Control  | ××× |

وقد يكون هناك فرق فهو أما انحراف ملائم أو غير ملائم، وكلاهما يغلقان في كلفة البضاعة المباعة، فإذا كان الانحراف ملائم:

|  |  |  |
| --- | --- | --- |
|   | Manufacturing Overhead Allocated | ××× |
|  |  | Relevance variance  | ××× |
|  |  | Manufacturing Overhead Control  | ××× |

 ومن ثم يغلق في حساب تكلفة البضاعة المباعة

|  |  |  |
| --- | --- | --- |
|   | Relevance variance  | ××× |
|  |  | Cost of goods sold | ××× |

اما إذا كان غير ملائم

|  |  |  |
| --- | --- | --- |
|   | Manufacturing Overhead Allocated | ××× |
|  | irrelevance variance  | ××× |
|  |  | Manufacturing Overhead Control  | ××× |

 ويغلق في حساب تكلفة البضاعة المباعة

|  |  |  |
| --- | --- | --- |
|   | Cost of goods sold | ××× |
|  |  | irrelevance variance  | ××× |

الإنتاج التام

عند الانتهاء من الإنتاج يغلق الإنتاج تحت التشغيل في حساب الإنتاج التام بالقيد التالي:

|  |  |  |
| --- | --- | --- |
|   | Finished goods Control | ××× |
|  |  | Work-in-Process Control | ××× |

**Q1:**

The following selected cost data for the Baghdad Company for 2011.

1. January 1 Purchased direct materials on account, $215400.
2. 2 Purchased indirect materials on account, $49500.
3. 4 Requested direct materials costing $193200 (all used on Job X).
4. 5 Requested indirect materials costing $38100 for production.
5. 7 Requested direct materials costing $19200 (all used on Job y)
and indirect materials costing $30000 for production.
6. 19 Purchased indirect materials costing $27550 and direct materials
costing $190450 on account.
7. 21 Requested direct materials costing $214750 (Job X, $178170; Job Y, $18170; and Job Z, $18410) and indirect materials costing $31400 for production.

Required: Record the journal entries in general journal accounting.

Q2: The following selected cost data for the Baghdad Company for 2011.

1. January 1 Purchased 300 unit direct materials at 100$ per unit on account.
2. 2 Purchased 100 unit indirect materials at 20$ per unit Cash.
3. 4 Transfer 200 unit from inventory direct materials to job X and 40 unit indirect materials for production.
4. 19 Purchased indirect materials costing $27550 and direct materials
costing $190450 on account.
5. 21 Requested direct materials costing $214750 (Job X, $178170; Job Y, $18170; and Job Z, $18410) and indirect materials costing $31400 for production.

Required: Record the journal entries in general journal accounting.

**Q3:**The following selected cost data for the Baghdad Company for 2014:

1. Purchases of materials (direct and indirect) on credit, $89,000

2. Usage of direct materials, $81,000, and indirect materials, $4,000

3. Manufacturing payroll for February: direct labor, $39,000, and indirect labor, $15,000, paid in cash

4. Other manufacturing overhead costs incurred during February, $75,000, consisting of supervision and engineering salaries, $44,000 (paid in cash); plant utilities, repairs, and insurance, $13,000 (paid in cash); and plant depreciation, $18,000

5. Allocation of manufacturing overhead to jobs, $80,000

Required: Prepare journal entries to record the transactions for 2014

**Solution**

 Materials Control 89,000
 Accounts Payable Control 89,000

 Work-in-Process Control 81,000
 Manufacturing Overhead Control 4,000
 Materials Control 85,000

 Work-in-Process Control 39,000
 Manufacturing Overhead Control 15,000
 Cash Control 54,000

 Manufacturing Overhead Control 75,000
 Cash Control 57,000
 Accumulated Depreciation Control 18,000

 Work-in-Process Control 80,000
 Manufacturing Overhead Allocated 80,000

 Finished Goods Control 188,800
 Work-in-Process Control 188,800

Q4: Production Company produces gadgets. The following data reflect activity for the year 2014:

Costs incurred:

Purchases of direct materials (net) on credit $124,000

Direct manufacturing labor cost 80,000

Indirect labor 54,500

Depreciation, factory equipment 30,000

Maintenance, factory equipment 20,000

Miscellaneous factory overhead 9,500

Rent, factory building 70,000

Manufacturing Overhead Allocated 18500

Inventories: January 1, 2014 December 31, 2014

Direct materials $ 9,000 $11,000

Work in process 6,000 21,000

Finished goods 69,000 24,000

Required : Prepare journal entries to record the transactions for 2014.

**Solution**

Direct Materials Control 124,000

 Accounts Payable Control 124,000

Work in Process Control 122,000

 Direct Materials Control 122,000

Work in Process Control 80,000

Manufacturing Overhead Control 54,500

 Cash Control 134,500

Manufacturing Overhead Control 129,500

 Salaries Payable Control 20,000

 Accounts Payable Control 9,500

 Accumulated Depreciation Control 30,000

 Rent Payable Control 70,000

Work in Process Control 200,000

 Manufacturing Overhead Allocated 200,000

Manufacturing Overhead Allocated 200,000

 Manufacturing Overhead Control 184,000

 Relevance variance 16,000

**Q5:** The following selected cost data for the Baghdad Company during January, 2014:

1. Purchased 500 units direct & indirect materials at 300 $ per unit on account.
2. Transfer 300 units for production, 100 units from him was indirect materials and remainder was direct materials.
3. The number of hours working for The Employees was 200 Hours Through the month and the wage cost per hours was 200$. The half hours were indirect.
4. Other manufacturing overhead costs incurred during February:
* plant insurance $2000 (no paid in cash)
* plant depreciation $50000
1. Allocation of manufacturing overhead to job 90 % from direct labor.

**Required**:

Record the transaction above in general journal accounting & Extract variance and closing.

**Q6:** The following selected cost data for the Baghdad Company for 2015.

January 1 Purchased direct materials on account, $215400.

2 Purchased indirect materials on account, $49500.

4 Requested direct materials costing $193200 (all used on Job X).

5 Requested indirect materials costing $38100 for production.

7 Requested direct materials costing $19200 (all used on Job y)
and indirect materials costing $30000 for production.

19 Purchased indirect materials costing $27550 and direct materials
costing $190450 on account.

21 Requested direct materials costing $214750 (Job X, $178170; Job Y, $18170; and Job Z, $18410) and indirect materials costing $31400 for production.

22 Purchased 300 unit direct materials at 100$ per unit on account.

23 Purchased 100 unit indirect materials at 20$ per unit Cash.

25 Transfer 200 unit from inventory direct materials to job X and 40 unit indirect materials for production.

27 Purchased indirect materials costing $27550 and direct materials
costing $190450 on account.

30 Requested direct materials costing $214750 (Job X, $178170; Job Y, $18170; and Job Z, $18410) and indirect materials costing $31400 for production.

Required: Record the journal entries in general journal accounting.

**Q7:**The following selected cost data for the Baghdad Company for 2014:

1. Purchases of materials (direct and indirect) on credit, $89,000

2. Usage of direct materials, $81,000, and indirect materials, $4,000

3. Manufacturing payroll for February: direct labor, $39,000, and indirect labor, $15,000, paid in cash

4. Other manufacturing overhead costs incurred during February, $75,000, consisting of supervision and engineering salaries, $44,000 (paid in cash); plant utilities, repairs, and insurance, $13,000 (paid in cash); and plant depreciation, $18,000

5. Allocation of manufacturing overhead to jobs, $80,000

6. Completion and transfer of individual jobs to finished goods, $188,800

7. Cost of goods sold, $180,000

Required : Prepare journal entries to record the transactions for 2014

**Q7**: Production Company produces gadgets. The following data reflect activity for the year 2014:

Costs incurred:

Purchases of direct materials (net) on credit $124,000

Direct manufacturing labor cost 80,000

Indirect labor 54,500

Depreciation, factory equipment 30,000

Maintenance, factory equipment 20,000

Miscellaneous factory overhead 9,500

Rent, factory building 70,000

Manufacturing Overhead Allocated ) Allocates overhead to work in process at a rate of $2.50 per direct manufacturing labor(

Inventories: January 1, 2014 December 31, 2014

Direct materials $ 9,000 $11,000

Work in process 6,000 21,000

Finished goods 69,000 24,000

**Required** : Prepare journal entries to record the transactions for 2014.

**Q8:** The following selected cost data for the Baghdad Company during January, 2014:

1. Purchased 300 units direct materials at 100$ per unit on account & 100 units indirect materials at 20$ per unit paid Cash.
2. Transfer 200 units from inventory direct materials job and 40 units indirect materials for production.
3. The number of hours working for The Employees was 176 Hours Through the month and the wage cost was 200$ for the Hour . Including monthly 60 hours was indirect.
4. Other manufacturing overhead costs incurred during February:
* supervision $10000 ( not paid cash)
* engineering salaries $4000 (paid in cash)
* plant insurance $2000 (paid in cash)
* plant depreciation $5000
1. Allocation of manufacturing overhead to job 150% from direct labor.
2. The units complete was 100 unit.
3. All the units was sold at price 1000$ per units

**Required**: Record the journal entries in general journal accounting.

**Q9:** The following selected cost data for the Baghdad Company during January, 2014:

1. Purchased 500 units direct materials at 50 $ per unit paid cash & 300 units indirect materials at 40 $ per unit on account.
2. Transfer 100 units from inventory indirect materials and 40 units direct materials for production.
3. The number of hours working for The Employees was 150 Hours Through the month and the wage cost was 200$ for the Hour . Including monthly 100 hours was direct.
4. Other manufacturing overhead costs incurred during February:
* plant insurance $2000 (paid in cash)
* plant depreciation $5000
1. Allocation of manufacturing overhead to job 150% from direct labor.

**Required**: Record the transaction above in general journal accounting & Extract variance and closing.

**Q10:** The following selected cost data for the Baghdad Company during January, 2014:

1. Purchased 500 units direct materials at 50 $ per unit paid cash & 300 units indirect materials at 40 $ per unit on account.
2. Transfer 100 units from inventory indirect materials and 40 units direct materials for production.
3. The number of hours working for The Employees was 150 Hours Through the month and the wage cost was 200$ for the Hour . Including monthly 100 hours was direct.
4. Other manufacturing overhead costs incurred during February:
* plant insurance $2000 (paid in cash)
* plant depreciation $5000
1. Allocation of manufacturing overhead to job 150% from direct labor.

**Required**: Record the transaction above in general journal accounting & Extract variance and closing.

**Q11**: The following transactions occurred on Ali company in October 2014:

1. Purchased $16,000 of materials cash.

2. Issued $800 of the materials.

3. Purchased $11,200 of materials.

4. Paid for the materials purchased in transaction (1).

5. Issued $13,600 in direct materials to the production department.

6. Incurred direct labor costs of $20,000, which were credited to Wages Payable.

7. Paid $21,200 cash for utilities, power, equipment maintenance, and other miscellaneous items for the manufacturing plant.

8. Applied overhead on the basis of 125 percent of $20,000 direct labor costs.

9. Recognized depreciation on manufacturing property, plant, and equipment of $10,000.

The following balances appeared in the accounts for October:

 Beginning Ending

Materials Inventory $29,640 ---------

Work-in-Process Inventory 6,600 ---------

Finished Goods Inventory 33,200 $28,640

Cost of Goods Sold 52,680

**Required**: Prepare journal entries to record the transactions.

**Q12:** The following selected cost data for the Baghdad Company during January, 2014:

1. Purchased 500 units direct materials at 50 $ per unit paid cash & 300 units indirect materials at 40 $ per unit on account.
2. Transfer 100 units from inventory indirect materials and 40 units direct materials for production.
3. The number of hours working for The Employees was 150 Hours Through the month and the wage cost was 200$ for the Hour . Including monthly 100 hours was direct.
4. Other manufacturing overhead costs incurred during February:
* plant insurance $2000 (paid in cash)
* plant depreciation $5000
1. Allocation of manufacturing overhead to job 150% from direct labor.

**Required**: Record the transaction above in general journal accounting & Extract variance and closing.

**Q2**: The following transactions occurred on Ali company in October 2014:

1. Purchased $16,000 of materials cash.

2. Issued $800 of the materials.

3. Purchased $11,200 of materials.

4. Paid for the materials purchased in transaction (1).

5. Issued $13,600 in direct materials to the production department.

6. Incurred direct labor costs of $20,000, which were credited to Wages Payable.

7. Paid $21,200 cash for utilities, power, equipment maintenance, and other miscellaneous items for the manufacturing plant.

8. Applied overhead on the basis of 125 percent of $20,000 direct labor costs.

9. Recognized depreciation on manufacturing property, plant, and equipment of $10,000.

The following balances appeared in the accounts for October:

 Beginning Ending

Materials Inventory $29,640 ---------

Work-in-Process Inventory 6,600 ---------

Finished Goods Inventory 33,200 $28,640

Cost of Goods Sold 52,680

**Required**:
Prepare journal entries to record the transactions.

**Q13:** The following selected cost data for the Baghdad Company during January, 2014:

1. Purchased 300 units direct materials at 100$ per unit on account & 100 units indirect materials at 20$ per unit paid Cash.
2. Transfer 200 units from inventory direct materials job and 40 units indirect materials for production.
3. The number of hours working for The Employees was 176 Hours Through the month and the wage cost was 200$ for the Hour . Including monthly 60 hours was indirect.
4. Other manufacturing overhead costs incurred during February:
* supervision $10000 ( not paid cash)
* engineering salaries $4000 (paid in cash)
* plant insurance $2000 (paid in cash)
* plant depreciation $5000
1. Allocation of manufacturing overhead to job 150% from direct labor.
2. The units complete was 100 unit.
3. All the units was sold at price 1000$ per units

**Required**: Record the journal entries in general journal accounting.

**Q14:** Iraq Co. beginning the working in January 1, 2015 . The following selected cost data During 2015:

1. Purchased direct materials cash $???.
2. Direct material Cost (Transfer 50% from Purchased of direct materials) $100000.
3. Direct labor cost $ 30000.
4. Manufacturing Overhead: Indirect labor $15000, Depreciation $25000, Maintenance $10000, Miscellaneous $5000, Rent $4000.
5. Manufacturing Overhead Allocated $60000.

**Required**: Prepare journal entries to record the transactions for 2015.