

# Accounting Study Guide 13-14

## Chapter 13

### Liabilities

- Per FASB: "Probable and future sacrifices arising from present obligations of a particular entity to transfer assets or provide services to other entities in the future as a result of past transactions or events"

### Essentials:

1. Present Obligation
  - a. Entails settlement by probable future transfer of current assets or service
    - i. Cash
    - ii. Goods (Inventory)
    - iii. Services
2. It is unavoidable
3. The transaction or event creating the obligation has already occurred

### Current Liabilities

- "obligations whose liquidation is reasonably expected to require use of existing resources properly classified as current assets, or the creation of other current liabilities."

### Types:

#### A. Accounts Payable

→ Balances owed to others for goods, supplies, or services purchased on open account

- Amount to be paid is straight forward (because of documentation – receipt)
- Only possible if there are terms of sale (EX: 2/10, n/30 or 1/10, E.O.M)

#### Entry (Periodic)

|                  |     |      |
|------------------|-----|------|
| Purchases        | XXX |      |
| Accounts Payable |     | XXXX |

#### Entry (Perpetual)

|                  |     |     |
|------------------|-----|-----|
| Inventory        | XXX |     |
| Accounts Payable |     | XXX |

#### B. Notes Payable

- Written promises to pay certain sum of money on a specified future date
  - o Arise from purchases (trade not payables)
    - More formally written
  - o Financing (borrowing from institutions)
  - o Classified as short-term (current) if matures within a year → long-term if longer

→ There is cost paid for borrowing a note: INTEREST

1. Interest Bearing
2. Zero Interest Bearing

- Methods for preparing short term computations are the same as long term

#### Interest Bearing Note

→ written agreement that explicitly states the interest rate to be charged on the principal amount of the note

- **INTEREST IS ALWAYS STATED AT ANNUAL RATE**

EX: \$100,000, 6 percent, 4 month-note

#### Entry (recording the cash received)

|               |     |     |
|---------------|-----|-----|
| Cash          | XXX |     |
| Notes Payable |     | XXX |

Entry (Accrual of the interest during the financial statement preparations → can be annual or semiannual)

|                  |     |     |
|------------------|-----|-----|
| Interest Expense | XXX |     |
| Interest Payable |     | XXX |

#### Entry (Payment of Note/Interest at Maturity Date)

|                  |     |     |
|------------------|-----|-----|
| Notes Payable    | XXX |     |
| Interest Payable | XXX |     |
| Cash             |     | XXX |

#### Zero-Interest Bearing Note

→ Written agreement that does not explicitly state the interest rate to be charged on the principal amount of the note

- The lender **discounts** the amount of the note at 'present value' equivalent using the repayment time as the number of periods
- The discount rate used is the return the lender wants to make on the borrowing
  - o The discount rate becomes the cost of borrowing
- Lender gives the borrower the PV amount in cash when the note is signed
- Borrower repays the full-face amount/principal on the note

# Payroll Accounting Study Guide

**Letricia Gayle Rayburn**



## **Payroll Accounting Study Guide:**

**Accounting Essentials** Neal Margolis, N. Paul Harmon, 1972 Accounting Essentials 2nd Edition A Self Teaching Guide In the time it takes to commute back and forth to an accounting course Accounting Essentials Second Edition can show you how to master basic record keeping procedures and learn how to protect assets inventory and payroll all in the comfort of your own home So it s not surprising that over 80 000 people have already used the first edition to learn the fundamentals of accounting and bookkeeping Working at your own pace you ll become familiar with every step of a typical accounting cycle from initial transaction through the final preparation of summary statements You ll actually teach yourself how to journalize transactions post to ledgers and summarize information in periodic financial statements by filling in sample documents ledger sheets and financial statements Once you ve mastered the basic procedures you ll learn how to apply them in specialized situations like merchandise accounting payroll accounting accounting for inventory and controlling assets This revised edition features updated information on tax rates taxable payroll income for FICA and an appendix showing how you can use your computer to handle common accounting transactions More than 80 Wiley Self Teaching Guides teach practical skills from accounting to astronomy microcomputers to math Look for them all at your favorite bookstore

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web desire maximum current rating of bus bar 630amp fault current  $i_{sc}$  50ka fault duration  $t$  1sec the operating temperature rises for the busbar is operating temperature of bus bar  $\theta$  85 c final temperature of bus bar during fault  $\theta$  1 185 c temperature rise of bus bar bar during fault  $\theta$   $t$   $\theta$  1  $\theta$  100 c ambient

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web circuit board pcb this board is then placed into a cutout hole or slot located in the center of a bus bar figure 1 shows the alternate approach using two drv425 devices when a cutout hole or slot is placed in the center of the bus bar the current is split in two equal parts each side of the cutout will generate

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web knowing required ampacity determine possible bus bar dimensions from this table then check the ampacity table to verify that size selected has the necessary ampacity example assume that required ampacity is 185 amps at 30 c rise this table indicates that 1 16 x 1 in size would probably be adequate this is confirmed by the ampacity

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web cross sectional area and the length determine bus bar conductor size cross sectional area  $A$  is equal to conductor thickness  $t$  multiplied by conductor width  $w$  a value of approximately 400 circular mils per ampere is a traditional basis for

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web quick busbar selector knowing the ampacity designers and estimators can get the approximate bus bar size ampacity of the bus bar selected must then be verified by checking table 1 required ampacity range amp busbar dimensions in 30 c rise

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web nov 24 2019 busbar can be very large or small busbar basically how big and how thick it depends on the current ampere of the busbar one thing to keep in mind busbar height and width are very important in calculations measurements in millimeters must be calculated in millimeters bus bar calculations

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