A STUDY ON WORKING CAPITAL MANAGEMENT OF SELECTED MANUFACTURURING COMPANIES LISTED IN NEPSA

BY:

Rita Sharma

LUMBINI BANIJYA CAMPUS

T.U. Reg. No: 7-1-302-167-97

Exam Roll No. 812

A Thesis Submitted to:

Office of the Dean

Faculty of Management

Tribhuvan University

In partial fulfillment of the requirements for the degree of

Master of Business Studies (MBS)

Butwal, Nepal

November, 2008

VIVA -VOCE SHEET

We have conducted the viva-voce examination of the thesis

Submitted by:
Rita Sharma
Entitled:
A STUDY ON WORKING CAPITAL MANAGEMENT OF SELECTED MANUFACTURING COMPANIES
LISTED IN NEPSA
and found the thesis to be the original work of the student written according to the prescribed format
We recommend the thesis to be accepted as partial fulfillment of the requirements for
Master's Degree in Business Studies (MBS)
Viva-Voce Committee
Head, Research Department
Member (Thesis Supervisor)
Member (External Expert)

Date:

RECOMMENDATION

This is to o	certify that the thesis:	
S	ubmitted by:	
RIT	A SHARMA	
	Entitled:	
A STUDY ON WORKING CAPITAL MANAGEMENT OF SELECTED MANUFACTURING COMPANIES LISTED IN NEPSA		
has been prepared as approved b	y this department in the prescribed format of	
Faculty of Management. This thesis is forwarded for examination.		
Supervisor	Head of Department/Campus Chief	
Name : Mr. Ganesh Pathak	Name : Dr. Ishwor Gautam	
Signature	Signature	
Date:	Date:	

DECLARATION

I hereby declare that the work reported in this thesis entitled "A Study on Working

Capital Management of Selected Manufacturing Companies Listed in NEPSE" submitted

to Lumbini Banijaya Campus is my original work done in the form of partial fulfillment of

the requirement for the Master's Degree in Business studies under the supervision of

Mr. Ganesh Pathak of Lumbini Banijaya Campus.

Rita Sharma

T.U. Regd. No: 7-1-302-167-97

Exam Roll No: 812

Lumbini Banijya Campus

Date: -----

ACKNOWLEDGEMENT

I would like to express my sincere gratitude to my thesis supervisor Mr. Ganesh Pathak,

lecturer at LBC Butwal for his valuable suggestion and guidance to this research work. I

would also like to thanks honorable teacher and head of research department Dr Ishwor

Gautam for his suggestions and kind help for this research work. Their inspiring advice

and supervision were available to me all the time. I would also like to thank Mr Rajendra

Lamshal for providing me with fruitful comments and suggestions. My gratitude is also

for campus library and administrative staffs

I am greatly obliged to the staffs of selected manufacturing companies and Nepal Stock

Exchange Limited, who provided me all necessary data and required information about

the study. I am very grateful to express my special thanks to my paremts and family

member for their support in every stage of my life. I would like to give special thanks to

Mr. Ram Chandra Acharya, Mr.Raju Paudel, Mr.Dharmaraj Sharma, Ms Bishnu Maya

Chidi, Ms Maya Gyawali for their insightful comments and suggestions. Last but not the

least, my sincere thanks goes out to all people who have directly or indirectly attributed

their effort to help us to accomplish this study.

Rita Sharma

T.U. Regd. No: 7-1-302-167-97

Exam RollNo: 812

Lumbini Banijya Campus

TABLE OF CONTENTS

CHAPTER TOPICS		PAGE NO.	
T/TT/ A T			
	VOCE SHEET IMENDATION	1	
	ARATION	11 111	
ACKNO	OWLEDGEMENT	iv	
TABLE (OF CONTENTS	V	
LIST OF	TABLES	viii	
LIST OF	FIGURES	ix	
ABBRE	/IATION	x	
DEFINIT	TIONS OF THE KEY TERMS	хi	
СНАРТ	ER I		
1 INT	RODUCTION	1	
1.1 B	ACKGROUND	1	
1.2	STATEMENT OF THE PROBLEM	6	
1.3	RESEARCH QUESTIONS	7	
1.4	OBJECTIVE OF THE STUDY	7	
1.5	SINGNIFICANCE	8	
1.6	LIMITATIONS OF THE STUDY	9	
1.7	ORGANIZATION OF THE STUDY	9	
CHAPT	ER II		
2	REVIEW OF THE LITERATURE	11	
2.1	CONCEPTUAL FRAMEWORK	<u>11</u>	
2.2	REVIEW OF RELATED STUDIES	<u>13</u>	
2.2.1	RELATED JOURNALS AND ARTICLES	<u> </u>	
2.2.2	REVIEW OF THE BOOKS	18	

2.2.3	REVIEW OF THE THESIS	22
CHAPTI	ER III	
3	RESEARCH METHODOLOGY	27
3.1	INTRODUCTION	27
3.2	RESEARCH DESIGN	27
3.3	NATURE AD SOURCE OF DATA	27
3.4	POPULATION AND SAMPLE	28
3.5	ANALYTICAL TOOLS USED	28
3.5.1	QUANTITATIVE METHOD	28
3.5.1.1	FINANCIAL TOOLS	28
3.5.1.2	STATISTICAL TOOLS	31
3.5.2	QUALITATIVE METHOD	32
CHAPTI	ER IV	
4	PRESENTATION AND ANALYSIS OF DATA	33
4.1	INTRODUCTION	33
4.2	LIQUIDITY POSITION	33
4.2.1	CURRENT RATIO	33
4.2.2	QUICK RATIO	34
4.3	PROFITABILITY POSITION	36
4.3.1	NET PROFIT MARGIN RATIO	36
4.3.2	RETURN ON TOTAL ASSETS	38
4.3.3	RETURN ON WORKING CAPITAL	39
4.4	STRUCTURE OF WORKING CAPITAL	40
4.4.1	CURRENT ASSETS TO TOTAL ASSETS	40
4.4.2	RATIO OF CASH AND BANK BALANCE TO CURRENT ASSETS	42
4.4.3	INVENTORIES TO CURRENT ASSETS RATIO	43
4.4.4	RECEIVABLES TO CURRENT ASSETS RATIO	44
4.5	UTILIZATION OF WORKING CAPITAL OR TURNOVER POSITION	ON <u>45</u>
4.5.1	CURRENT ASSETS TURNOVER OR GROSS WORKING CAPITAL TURNOVER	R <u>45</u>
4.5.2	NET WORKING CAPITAL TURNOVER	47

4.5.3	3 CASH TURNOVER RATIO	<u>48</u>
4.5.4	INVENTORY TURNOCER RATIO	49
4.5.5	RECEIVABLE TURNOVER RATIO	50
4.6	ANALYSIS ON THE BASIS OF VARIABLES	51
4.6.1	LEVEL OF CURRENT ASSETS	51
4.6.2	LEVEL OF CURRENT LIABILITIES	52
4.6.3	SIZE OF NET WORKING CAPITAL	53
4.6.4	CASH CONVERSION CYCLE	54
4.7	RELATIONSHIP OF WORKING CAPITAL VARIABLES	55
4.7.1	RELATIONSHIP BETWEEN NET WORKING CAPITAL TO SALES	56
4.7.2	RELATIONSHIP BETWEEN CURRENT ASSETS TO SALES	57
4.7.3	RELATIONSHIP BETWEEN NET PROFITS TO NET WORKING CAPITAL	59
4.8	MAJOR FINDINGS OF THE STUDY	61
4.8.1	WORKING CAPITAL MANAGEMENT OF NEPALESE COMPANIES IS ANALYZE	D <u>61</u>
4.8.2	2 FINDINGS ON STATISTICAL ANALYSIS	63
CHAP	TER V	
5	SUMMARY, CONCLUSION AND RECOMMENDATION	64
5.1	INTRODUCTION	64
5.2	SUMMARY	64
5.3	CONCLUSION	65
5.4	RECOMMENDATION	67
BIBLIC	OGRAPHY	
APPEN	NDICES	

List of tables

Table 4.1:	Current ratio of the selected companies	34
Table 4.2	Quick Ratio Selected Companies	35
Table 4.3:	Net Profit Margin Ratio of Selected Companies	37
Table 4.4 :	Return on total assets of selected companies	38
Table 4.5 :	Return of working capital of selected companie	39
Table 4.6 :	Ratio of current assets to total assets	41
Table 4.7:	Ratio of cash and bank balance to current assets	42
Table 4.8:	Inventories to current assets ratio of selected companies	43
Table 4.9 :	Receivable to current assets ratio of selected companies	44
Table 4.10:	Current assets turnover of selected companies	46
Table 4. 11:	Net working capital turnover of selected companies	47
Table 4.12:	Cash Turnover Ratio of selected companies	48
Table 4. 13:	Inventory Turnover Ratio	49
Table 4. 14:	Receivable Turnover Ratio of selected companies	50
Table 4.15:	Current assets of manufacturing companies "Rs in Million "	51
Table 4. 16:	Current Liabilities of selected companies	52
Table 4.17:	Average Net working capital of manufacturing companies	53
Table 4.18:	Cash conversion Cycle	<u>55</u>

List of figures

Figure 4.1: Average Value of CR, QR	36
Figure 4.2 : Average Value of NPM, ROW, RAO	40
Figure 4. 3 : Avg. ratio of current assets to total assets	41
Figure 4. 4 : Avg. ratio of cash, inventory and receivable to current assets	45

ABBREVIATION

AD Anno Domini

AVU Ltd. Arun Vanaspati Udhyog Limited

Avg. Average

B.N.Ltd. Botteler's Nepal Limited

BS Bikram Sambat

CA Current Assets

C.L. Current Liabilities

CBS Central Bureau of Stastistics

Co. Company

FA Fixed Assets

DDC District Development Committee

FY Fiscal Year

GDP Gross Domestic Product

JSM Ltd. Jyoti Spinning Mills Limited

Ltd. Limited

MoF Ministry Of Finance

N.L.Ltd. Nepal Lever Limited

NP Net Profit

NRB Nepal Rastra Bank

NTDC Nepal Tea Development Corporation

NWC Net Working Capital

PE Public Enterprises

Pvt. Private

SEBON Stock Exchange Board Of Nepal

TU Tribhuwan University

VDC Village Development Committee

W/C Working Capital

DEFINITIONS OF THE KEY TERMS

In order to clarify the confusion and misunderstanding the key term that have been used in the study are defined as follows.

