### CASH MANAGEMENT OF DNPL

(A Case Study on Dabur Nepal Private Limited)

Submitted By: GYANENDRA KUMAR SINGH

Roll No.: 940-2059/61 T.U. Regd. No.: 44301-94 Shanker Dev Campus Ramshahpath, Kathmandu

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 (M.B.S.)

January 2009

#### RECOMMENDATION

This is to certify that the Thesis

Submitted by:

**Gyanendra Kumar Singh** 

#### Entitled:

Cash Management of DNPL
(A Case Study on Dabur Nepal Private Limited)

has been prepared as approved by this Department in the prescribed format of the Faculty of Management. This thesis is forwarded for examination.

Dr. Kamal Das Mandhar	Dr. Kamal Deep Dhakal
(Supervisor)	(Campus Chief)

#### **VIVA-VOCE SHEET**

We have conducted the viva-voce examination of the thesis presented

by

### **Gyanendra Kumar Singh**

Entitled:

#### **Cash Management of DNPL**

(A Case Study on Dabur Nepal Private Limited)

And found the thesis to be the original work of the student and written according to the prescribed format. We recommend the thesis to be accepted as partial fulfillment of the requirement for

#### **Master Degree of Business Studies (M.B.S.)**

#### **Viva-Voce Committee:**

Head, Research Department	
Member (Thesis Supervisor)	
Member (External Expert)	
Campus Chief	
Date:	

#### **DECLARATION**

I here by declare that the work reported in this thesis entitled Cash Management of DNPL (A Case Study on Dabur Nepal Private Limited) submitted to Shanker Dev Campus, faculty of Management, Tribhuvan University is my original work. It is done in the form of partial fulfillment of the requirements of the Master Degree in Business Studies (M.B.S.) under the supervision and guidance of Dr. Kamal Das Manandhar, Associate Professor of Shanker Dev Campus, T.U., Ramshahpath.

.....

Gyanendra Kumar Singh Researcher **ACKNOWLEDGEMENT** 

My indebtedness and gratitude goes to many individuals, who have

assisted to shape this thesis in the present form. First of all, my gratitude

goes to all the teachers and staffs of Shanker Dev Campus, whose sound

theoretical knowledge provided me the basis for the preparation of the

thesis.

I would like to express my great sense of gratitude to my respected

research supervisors Dr. Kamal Das Manandhar, Associate Professor of

Shanker Dev Campus for their invaluable supervision, constructive

comments and suggestions, which gave the final shape of this thesis.

I am indebted to all staffs of Dabur Nepal Private Limited and SEBO for

providing necessary data and information for preparing this thesis.

I am grateful and proud to have my family whose inspiration and

financial support helped me to achieve this success.

At last, but not the least I would like to extend my gratitude to my friend

Mr. Pallav Kasaju, and the genius staff, Mr. Phurwa Rinchhen Sherpa of

TU.Com Computer and Communication Service, Kirtipur, who helped

me, typing and designing this thesis neat and clean.

**Gyanendra Kumar Singh** 

Shanker Dev Campus

v

## TABLE OF CONTENT

	Page No.
Recommendation Letter	i
Viva-Voce Sheet	ii
Declaration	iii
Acknowledgement	iv
Table of Contents	ν
List of Tables	viii
List of Figures	ix
Abbreviations	X
CHAPTER – I: INTRODUCTION	1-13
1.1 Background of the Study	1
1.2 Profile of Dabur Nepal Pvt. Ltd.	5
1.3 Focus of the Study	8
1.4 Statement of the Problems	9
1.5 Objectives of the Study	10
1.6 Significance of the Study	11
1.7 Limitations of the Study	11
1.8 Plan of the Study	12
CHAPTER – II: REVIEW OF LITERATURE	14-53
2.1 Conceptual Framework	14
2.1.1 Meaning of Cash Management	15
2.1.2 Efficiency of Cash Management	17
2.1.3 Different Techniques of Cash Management	20
2.1.4 Determining the Optimum Cash Balance	22
2.1.5 Cash Management Models	24
2.1.6 Cash Cycle	31

2.2 Review of Books	33
2.3 Review of Journals	43
2.4 Review of Related Dissertations	50
CHAPTER – III: RESEARCH METHODOLOGY	54-64
3.1 Research Design	54
3.2 Population and Sample	54
3.3 Nature and Source of Data	54
3.4 Collection of Data	55
3.5 Data Processing and Analysis	55
3.6 Definition of the Operational Terms	63
CHAPTER – IV: PRESENTATION AND ANALYSIS	
OF DATA	65-98
4.1 Analysis of Liquidity Position	65
4.1.1 Analysis of Cash and Bank Balance	65
4.1.2 Analysis of Dispersion of Cash and Bank Balance	66
4.1.3 Analysis of Cash Turnover Ratio/Sales to	
Cash Bank Balance	67
4.1.4 Analysis of Correlation between Sales	
and Cash/Bank Balance	68
4.2 Analysis of Liquidity Relation between Its Variables	70
4.2.1 Analysis of Current Ratio (Current Assets of	
Current Liabilities)	71
4.2.2 Analysis of Acid Test or Quick Ratio or Quick Assets	
to Current Liabilities	72
4.3 Analysis of Profitability Position	73
4.3.1 Analysis of Net Profit Margin Ratio	73
4.3.2 Analysis of Return on Working Capital	74

4.3.3 Analysis of Net Profit after Tax to Quick Assets	75
4.4 Analysis of Liquidity Relation to Profitability	76
4.4.1 Analysis of Correlation between Return on Working	
Capital Ratio and Current Ratio	77
4.5 Analysis of Receivable/Debtors Turnover Ratio	78
4.6 Analysis of Inventory Turnover Ratio	80
4.7 Analysis of Cash and Bank Balance to Account Receivable	82
4.8 Analysis of Cash and Bank Balance to Total Assets	85
4.9 Analysis of Cash and Bank Balance to Current Liabilities	86
4.10 Analysis of Cash Flow Statement	87
4.10.1 Analysis of Operating Activities	88
4.10.2 Analysis of Investing Activities	89
4.10.3 Analysis of Financing Activities	90
4.11 Analysis of Current Assets Variables, Inventory, Sundry	
Debtors and Advance Deposit	91
4.12 Analysis of Dispersion in Inventory and Correlation	
between Sales and Inventory	92
4.13 Analysis of Current Liabilities	96
4.14 The Main Findings of the Study	96
CHAPTER – V: SUMMARY, CONCLUSIONS AND	
RECOMMENDATIONS	99-103
5.1 Summary of the Study	99
5.2 Conclusions of the Study	100
5.3 Recommendations	101

# Bibliography

# Appendices

## LIST OF TABLES

	Page No
Table 4.1: Cash and Bank Balance and Variations	65
Table 4.2: Cash and Bank Balance and Dispersion	66
Table 4.3: Sales and Cash or Bank Balance, Turnover Ratio	67
Table 4.4: Analysis of Correlation between Sales and	
Cash/Bank Balance	69
Table 4.5: Current Assets, Current Liabilities and Current Ratio	71
Table 4.6: Quick Assets, Current Liabilities and Quick/Acid	
Test Ratio	72
Table 4.7: Net Profit, Sales or Net Profit Margin Ratio	74
Table 4.8: Net Profit after Tax, Current Asset and Return on	
Working Capital	75
Table 4.9: Net Profit after Tax, Quick Assets and Return on	
Quick Assets	76
Table 4.10: Correlation between Return on Working Capital Rational Correlation between Return on Working Capital Rational Capital Capital Rational Capital Capital Rational Capital Rational Capital C	O
and Current Ratio	77
Table 4.11: Sales Receivables Turnover Ratio and Average	
Collection Days	79
Table 4.12: Sales, Inventory Turnover Ratio	81
Table 4.13: Cash and Bank Balance to Account Receivable Ratio	82
Table 4.14: Analysis of Correlation between Cash and Bank Bala	ince
and Account Receivables	83
Table 4.15: Cash and Bank balance to Total Assets Ratio	85
Table 4.16: Analysis of Cash and Bank Balance to	
Current Liabilities	87
Table 4.17: Cash Flow Statement	88
Table 4.18: Current Assets Variables and Fluctuation in	
these Variables	91

## LIST OF FIGURES

	Page No.
Figure 2.1: Optimum Cash Balance	23
Figure 2.2: EOQ Model of Cash Balancing	25
Figure 2.3: Relationship between Cash and Various Costs	26
Figure 2.4: Miller-Orr Model	28
Figure 4.5: Cash Cycle	31
Figure 2.6: Circulation Nature of Current Asset	34
Figure 2.7: Working Capital Cycle	35
Figure 4.1: Graphical Presentation of Sales and	
Cash/Bank Balance	68
Figure 4.2: Graphical Presentation of Sales and Receivables	80
Figure 4.3: Graphical Presentation of Sales and Inventory	81
Figure 4.4: Graphical Presentation of Cash/Bank Balance	
and Receivable	83
Figure 4.5: Graphical Presentation of Cash/Bank Balance	
and Total Assets	86

#### **ABBREVIATIONS**

A/R : Account Receivable

ACP : Average Collection Period

Adm. Expe. : Administrative Expenses

B.S. : Bikram Sambat

B/S : Balance Sheet

C & B : Cash and Bank

C.A. : Current Assets

C.L. : Current Liabilities

DNPL : Dabur Nepal Private Limited

F/Y : Fiscal Year

GN : Government of Nepal

ICP : Inventory Conversion Period

MBS : Master of Business Studies

P.E. : Probable Error

P/L : Profit and Loss

PEs : Public Enterprises

RCP : Receivable Conversion Period

Rs. : Ruppes

S.D. : Standard Deviation

S.N. : Serial Number

T.A. : Total Assets

T.U. : Tribhuvan University