

TABLE OF CONTENTS

About the Author.....	v
Dedication	vi
Preface.....	vii
Abbreviations of Referred Standards, Laws and Some Terms	xix
Chapter 1: A Comprehensive Review of IFRS 15 Revenue from Contracts with Customers	1
1.1 Introduction	1
1.1.1 What is Revenue?.....	1
1.1.2 Rationale for the New Model.....	1
1.1.3 The Significant Changes Made	2
1.2 The New Model.....	3
1.3 Scope of IFRS 15	3
1.4 Recognition	4
1.4.1 Identifying the Contract	4
1.4.2 Combination of Contracts	4
1.4.3 Contract Modifications.....	5
1.5 Identifying Performance Obligations.....	7
1.5.1 Warranties.....	8
1.5.2 Licensing	9
1.5.3 Incidental and Sales Incentives	11
1.5.4 Customer Loyalty Programmes.....	12
1.6 Measurement — Determining the Transaction Price.....	14
1.6.1 Variable Considerations	15
1.6.2 Constraining Estimates of Variable Considerations	16
1.6.3 The Existence of Significant Financing Component.....	16
1.6.4 Contingent Consideration.....	17
1.6.5 Non-cash Consideration	18
1.6.6 Consideration Payable to a Customer	18
1.7 Allocating the Transaction Price to Performance Obligations.....	19
1.7.1 Allocation Methods.....	19
1.7.2 Allocating Discount	20
1.7.3 Allocating Variable Consideration	20
1.7.4 Changes in the Transaction Price	20

1.8	Satisfaction of Performance Obligation	21
1.9	Recognising Revenue when a Performance Obligation is Satisfied	21
1.9.1	Performance Obligation Satisfied Over Time	21
1.9.1.1	Measuring Progress Towards Complete Satisfaction of a Performance Obligation	23
1.9.1.2	When the Outcome is Uncertain	26
1.9.2	Performance Obligation Satisfied at a Point in Time	27
1.10	Contract Costs	29
1.10.1	Incremental Costs of Obtaining a Contract	29
1.10.2	Costs to Fulfil a Contract	29
1.10.3	Amortisation and Impairment	30
1.11	Presentation and Disclosures	31
1.11.1	Presentation	31
1.11.2	Disclosures	32
1.12	Transition	36
1.13	Implications and How the New IFRS Will Affect Current Practice	39
	Chapter 2: Sales of Goods, Licensing Arrangements and Services	41
2.1	Introduction	41
2.2	Sales of Goods	41
2.2.1	Customer Acceptance	41
2.2.2	Sales with a Right of Return	42
2.2.3	Sales with Volume Discount Incentive	43
2.2.4	Forward Sales	44
2.2.5	Principal versus Agent Considerations	45
2.2.6	Customer Option for Additional Goods	46
2.2.7	Repurchase Agreements	48
2.2.7.1	A Forward or a Call Option	48
2.2.7.2	A Put Option	51
2.2.8	Consignment Arrangements	55
2.2.9	Bill-and-Hold Arrangements	56
2.3	Licensing Arrangements with Customers	57
2.3.1	Licence is Not Distinct	57
2.3.2	Licence is Distinct	58
2.3.2.1	Usage-based or Sale-based Licences	58
2.3.2.2	Franchising Arrangement	59

2.4	Rendering of Services	60
2.4.1	Customer Obtains Benefits as and when Service is Performed	61
2.4.2	Service Performed Over Time	62
2.4.3	Service to Design and Manufacture an Asset for a Customer	64
2.5	Separate Performance Obligations in a Contract	65
2.5.1	Sales of Goods with Services	65
2.5.2	Warranties	66
2.5.3	Incidental and Sales Incentives	69
2.5.4	Customer Loyalty Programmes	70
2.6	Measurement of Variable Considerations	72
2.6.1	Variable Considerations in Sales of Goods	72
2.6.2	Variable Considerations in Service Contracts	74
2.7	Presentation and Disclosures	77
	Chapter 3: Construction Contracts and Service Concession Arrangements	79
3.1	Introduction	79
3.2	Accounting for Construction Contracts	79
3.2.1	What is a Construction Contract?	79
3.2.2	Types of Construction Contracts	79
3.2.3	The Main Accounting Issue	79
3.2.4	Combining Construction Contracts	80
3.2.5	Contract Modifications	81
3.2.5.1	Modification that is a Separate Contract	81
3.2.5.2	Modification that is Not a Separate Contract	81
3.2.6	The Accounting Methods	83
3.3	Measurement of Contract Revenue	84
3.3.1	Initial Amount Agreed	84
3.3.2	Incentives, Penalties and Performance Bonus	85
3.3.3	Significant Financing Component	86
3.3.4	Retention Monies	86
3.3.5	Non-cash Consideration	87
3.3.6	Other Consideration Receivable	88
3.4	Measurement of Contract Costs	88
3.4.1	Incremental Costs of Obtaining a Contract	89
3.4.2	Costs to Fulfil a Contract	89

3.5	Recognition of Contract Revenue and Expenses	90
3.5.1	Measuring the Stage of Completion.....	90
3.5.2	Accounting Procedures for the Percentage of Completion Method.....	91
3.6	Estimate of Outcome of Contract.....	95
3.7	Recognition of Expected Losses	97
3.8	Changes in Estimates Over Time	99
3.9	Changes in Transaction Price and Costs Over Time	109
3.10	Presentation of Contract Assets and Contract Liabilities	110
3.11	Measurement of Contract Revenue in a Barter Arrangement	113
3.12	Presentation Requirements.....	115
3.13	Disclosure Requirements	115
3.13.1	Significant Judgement in the Application of the Standard.....	115
3.13.2	Determining the Timing of Satisfaction of Performance Obligations	116
3.13.3	Contract Balances.....	116
3.13.4	Transaction Price Allocated to the Remaining Performance Obligations.....	117
3.14	IFRIC 12 Service Concession Arrangements.....	117
3.14.1	What is a Service Concession Arrangement?.....	117
3.14.2	Scope of IFRIC 12	118
3.14.3	Issues Addressed	118
3.14.4	Consensus.....	118
3.14.4.1	Treatment of the Operator's Rights over the Infrastructure.....	118
3.14.4.2	Recognition and Measurement of Arrangement Consideration.....	119
3.14.4.3	Construction or Upgrade Services	119
3.14.4.4	Consideration Given by the Grantor to the Operator.....	119
3.14.4.5	Operation Services	119
3.14.4.6	Contractual Obligation to Restore the Infrastructure to a Specified Level of Serviceability	120
3.14.4.7	Borrowing Costs Incurred by the Operator.....	120
3.14.5	Subsequent Accounting as a Financial Asset	120
3.14.6	Subsequent Accounting as an Intangible Asset.....	126
3.15	Tax Treatments and Tax Effects of Construction Contracts.....	130
3.15.1	Revenue Recognition based on the Percentage of Completion Method.....	130
3.15.2	Property, Plant and Equipment used in Construction Contracts	133
3.15.3	Foreseeable Losses on Contracts	134
3.15.4	Provision for Liquidated Assessed Damages (LADs).....	136
3.15.5	Warranties and Other Defect Liabilities.....	136

Chapter 4: Property Development Activities.....	145	
4.1	Introduction.....	145
4.2	What are Property Development Activities?.....	145
4.3	Land Held for Property Development.....	146
4.4	Land Development and Allocation of Common Costs	147
4.5	Property Development Projects.....	149
4.6	Property Development Costs.....	151
4.6.1	Measurement is on the Cost Basis	151
4.6.2	Warranty Costs	152
4.6.3	Borrowing Costs.....	153
4.6.4	Accumulation of Costs and Allocation	154
4.7	Property Development Revenue	155
4.7.1	Measurement of Project Revenue	155
4.7.2	Penalties for Late Delivery and Provision for LAD.....	156
4.8	Recognition of Revenue and Expenses in Profit or Loss	157
4.8.1	Build and Sell Model	157
4.8.2	Sell and Build Model	162
4.8.2.1	Measuring the Stage of Completion and Recognising Revenue Over Time	163
4.8.3	When the Outcome is Uncertain	176
4.8.4	When there is Impairment.....	179
4.9	Inventories — Unsold Completed Development Units and Transfers.....	181
4.10	Building Affordable Houses.....	182
4.11	Other Forms of Sale Arrangements with Customers.....	192
4.11.1	Rental with an Option to Purchase.....	192
4.11.2	Sales and Leasebacks with Guaranteed Returns	194
4.11.3	Barter Trade Arrangements and Non-cash Consideration.....	197
4.12	Presentation Requirements.....	198
4.13	Disclosure Requirements	198
4.13.1	Accounting Policies	199
4.13.2	Land Held for Property Development.....	199
4.13.3	Property Development Costs.....	200
4.13.4	Contract Assets/Contract Liabilities.....	200
4.13.5	Transaction Price Allocated to Remaining Performance Obligations.....	201

4.14	Tax Treatments and Tax Effects of Property Development Activities	202
4.14.1	Revenue Recognition in Accounting.....	202
4.14.2	Profit or Loss Recognition in Taxation	202
4.14.3	When the Completed Contract Method is Applied in Accounting.....	203
4.14.4	When the Percentage of Completion Method is Applied in Accounting	205
4.14.5	Capitalisation of Borrowing Costs.....	205
4.14.6	Depreciation and Other Costs Allocated to Property Development Projects.....	207
4.14.7	Foreseeable Losses on Projects and Other Loss Contingencies.....	207
Chapter 5: A Comprehensive Review of IFRS 16 Leases		211
5.1	Introduction.....	211
5.2	History, Reasons and Rationale of IFRS 16.....	211
5.3	Scope of IFRS 16	212
5.4	The Fundamental Approaches.....	212
5.4.1	Lessee Accounting Model.....	212
5.4.1.1	The Consumption Principle	213
5.4.1.2	Financing Arrangements	215
5.4.2	Lessor Accounting Model.....	215
5.4.2.1	Derecognition Approach	215
5.4.2.2	Risks and Rewards Approach	218
5.5	Steps in the Application of IFRS 16.....	218
5.6	Identifying a Lease.....	219
5.6.1	Current Standards on Leases.....	219
5.6.1.1	The Current IAS 17.....	219
5.6.1.2	SIC 27 Evaluating the Substance of Transactions Involving the Legal Form of a Lease	220
5.6.1.3	IFRIC 4 Determining whether an Arrangement Contains a Lease	223
5.6.2	Definition of a Lease in IFRS 16.....	229
5.6.3	Is there an Identified Asset?	229
5.6.3.1	Capacity Portion of an Asset.....	230
5.6.4	Does Customer Obtains the Economic Benefits?.....	231
5.6.5	Does Customer Direct the Use of the Identified Asset?.....	231
5.6.5.1	How and For What Purpose is the Asset Used?.....	231
5.6.6	Protective Rights	234
5.7	Separating Lease Components in a Contract	234
5.8	Combination of Lease Contracts.....	236

5.9	Lease Term	236
5.9.1	Reasonably Certain	237
5.9.2	Significant Economic Incentives to Exercise Purchase Option	238
5.9.3	Subsequent Reassessment of Lease Term	239
5.10	Lessee's Right-of-Use Model versus Lessor's Risks and Rewards Model.....	240
5.11	Impact Assessment.....	243
5.12	Implications on Current Practice and Conclusions	243
Chapter 6: Lessee Accounting.....		245
6.1	Introduction — Right-of-Use Model	245
6.2	Recognition Principles	245
6.3	Initial Measurement of the Right-of-Use Asset	245
6.4	Initial Measurement of the Lease Liability	247
6.4.1	Hire-purchase Contracts.....	248
6.4.2	Conventional Leases of Equipment and Machinery	250
6.4.3	Leases of Lands and Buildings	251
6.5	Determining the Lease Payments.....	254
6.5.1	In-substance Fixed Payments.....	254
6.5.2	Inflation-related Variable Payments	256
6.5.3	Other Variable Payments.....	258
6.6	Subsequent Measurement of the Right-of-Use Asset.....	259
6.6.1	Depreciated Cost Model.....	259
6.6.2	Options for Other Measurement Models.....	259
6.6.2.1	Right-of-Use Asset is an Investment Property.....	259
6.6.2.2	Right-of-Use Asset is a Class of PPE	260
6.6.2.3	Leases of Land Classified as Inventory	261
6.7	Subsequent Measurement of the Lease Liability	261
6.8	Recognition and Measurement of Expenses	261
6.9	Reassessment of the Lease Liability	262
6.9.1	Changes in Lease Term and Option to Purchase.....	263
6.9.2	Changes in Residual Value Guarantee and Inflation-related Index or Rate	265
6.10	Lease Modifications	267
6.10.1	Modification is a New Lease.....	267
6.10.2	Modification is a Change to Existing Lease.....	268

6.11	Exemptions for Short-term Leases and Low-value Assets	268
6.11.1	Short-term Leases.....	269
6.11.2	Low-value Assets	269
6.12	Presentation Requirements for Lessees.....	269
6.13	Disclosure Requirements for Lessees	270
6.14	Tax Treatments and Tax Effects of Lease Arrangements.....	273
6.14.1	PPE under Hire-purchase Plans	274
6.14.1.1	Capital Allowance Restriction on Motor Vehicles.....	277
6.14.2	Tax Effects of Operating Lease Arrangements	280
6.14.2.1	Lessee in an Operating Lease in the Current IAS 17.....	280
6.14.3	PPE under Finance Lease Arrangements	281
6.14.3.1	Lessee in a Finance Lease.....	281
6.14.4	Leases with a Purchase Option that are Deemed as a Sale	287
Chapter 7: Lessor Accounting		291
7.1	Introduction.....	291
7.2	Classification of Leases.....	291
7.3	Finance Leases	292
7.3.1	Recognition and Measurement.....	292
7.3.1.1	Initial Measurement	293
7.3.1.1.1	The lease payments.....	293
7.3.1.1.2	The unguaranteed residual value	293
7.3.1.2	Subsequent Measurement	294
7.3.2	Hire-purchase Financing.....	294
7.3.3	Rental of Equipment	296
7.3.4	Special Purpose Financing Entity	299
7.3.5	Other Contracts that Contain a Right to Use an Asset	300
7.3.5.1	Property Owner Lessors.....	300
7.3.5.2	Infrastructure Owner Lessors.....	302
7.3.6	Complex Arrangements.....	304
7.3.7	Manufacturer or Dealer Lessors.....	306
7.3.7.1	Determining the Profit Elements.....	306
7.3.7.2	When Artificially Low Rate of Interest is Quoted	308
7.3.8	Impairment Requirement	309
7.3.9	Reassessment.....	310

7.3.10	Lease Receivable Classified as Held for Sale	313
7.3.11	Lease Modifications	313
7.3.11.1	Modified Lease is an Operating Lease.....	313
7.3.11.2	Modified Lease Remains as Finance Lease	314
7.4	Operating Leases.....	315
7.4.1	Recognition and Measurement.....	315
7.4.1.1	Lease Income	315
7.4.1.2	A Class of PPE under Operating Lease.....	317
7.4.1.3	Manufacturer or Dealer in an Operating Lease.....	317
7.4.2	Lease Modifications	317
7.5	Presentation.....	317
7.6	Disclosures for both Finance and Operating Leases of Lessors	317
7.6.1	Disclosures for Finance Leases.....	318
7.6.2	Disclosures for Operating Leases.....	319
7.6.2.1	Classes of Underlying Assets.....	319
7.7	Tax Treatments and Tax Effect of Lessors	320
7.7.1	Lessor in an Operating Lease.....	320
7.7.2	Lessor in a Finance Lease	321
7.7.2.1	Hire-Purchase Financing.....	321
7.7.2.2	Straight Finance Leases of Equipment	321
7.7.2.3	Leases with a Purchase Option that are Deemed as a Sale	323
7.7.2.3.1	Property Developer's Lease of Building Unit with Purchase Option.....	323
7.7.2.3.2	Other Lessor's Lease of Building with Purchase Option.....	323
7.7.2.3.3	Lease of equipment with purchase option	325
Chapter 8: Sale and Leaseback Arrangements, Sublease Arrangements, Other Issues and Transition		329
8.1	Introduction.....	329
8.2	Sale and Leaseback Arrangements.....	329
8.2.1	Requirements in the Current IAS 17.....	329
8.2.1.1	Sale and Leaseback is a Finance Lease.....	329
8.2.1.2	Sale and Leaseback is an Operating Lease	331
8.2.2	Requirements in IFRS 16.....	333
8.2.2.1	Assessing whether the Transfer of the Asset is a Sale	334
8.2.2.2	Transfer of the Asset is a Sale.....	335
8.2.2.3	Transfer of the Asset is Not a Sale.....	337

8.3	Sublease Arrangements	337
8.3.1	Sublease that is a Finance Lease to an Intermediate Lessor	338
8.3.2	Sublease that is an Operating Lease to an Intermediate Lessor	340
8.3.3	Sale, Leaseback and Sublease Arrangements.....	341
8.4	Intragroup Lease Arrangements	345
8.4.1	Intragroup Leases of Lands.....	345
8.4.1.1	Treated as a Finance Lease by Lessor.....	345
8.4.1.2	Treated as Operating Lease by Lessor	346
8.4.2	Different Functions or Uses of Intragroup Leased Property.....	347
8.4.3	Intragroup Leases of Equipment and Vehicles.....	348
8.4.3.1	Treated as a Finance Lease by Lessor.....	348
8.4.3.2	Treated as an Operating Lease by Lessor	350
8.5	Leases that are Government Grants and Assistance.....	350
8.5.1	Lease of State Land for Aquaculture Farming	350
8.5.2	Lease of Forest Reserve in Timber Extraction, Cultivation and Rehabilitation	351
8.5.3	Right to Use Water Resource of State River	352
8.6	Effective Date and Transitions	352
8.6.1	Definition of a Lease	352
8.6.2	Lessees	353
8.6.2.1	Leases previously classified as operating leases.....	353
8.6.2.2	Leases previously classified as finance leases	356
8.6.2.3	Disclosure	356
8.6.3	Lessors.....	357
8.6.4	Sale and Leaseback Transactions before the Date of Initial Application.....	358
8.6.5	Amounts Previously Recognised in Respect of Business Combinations.....	358
8.7	Appendix — A Case on Lease Accounting.....	358
8.7	Index.....	363