




CAPITAL ADEQUACY MODULE

 Central Bank of Bahrain Rulebook	Volume 1: Conventional Banks
MODULE:	CA (Capital Adequacy Module)
Table of Contents	

PART 1: Definition of Capital

**Date Last
Changed**

CA-A Introduction

CA-A.1	Application	01/2011
CA-A.2	Purpose	01/2011
CA-A.3	Capital Adequacy Ratio	01/2011
CA-A.4	Transitional Arrangements	01/2011
CA-A.5	Module History	04/2012

CA-1 Scope and Coverage of Capital Charges

CA-1.1	Application	01/2008
CA-1.2	Monitoring of Risks	01/2008
CA-1.3	Investments in other Entities and Consolidation	01/2008
CA-1.4	Reporting	01/2008
CA-1.5	Review of Prudential Information Returns by External Auditors	01/2008


CA-2 Regulatory Capital

CA-2.1	Regulatory Capital	01/2008
CA-2.2	Limits on the Use of Different Forms of Capital	01/2008


PART 2: Credit Risk

CA-3 Credit Risk – The Standardized Approach


CA-3.1	Overview	01/2008
CA-3.2	Segregation of Claims	01/2009
	Claims on Sovereigns	01/2008
	Claims on International Organisations	01/2008
	Claims on Non-central Government Public Sector Entities (PSEs)	01/2008
	Claims on Multilateral Development Banks (MDBs)	01/2008
	Claims on Banks	04/2012
	Claims on Investment Firms	01/2008
	Claims on Corporates Including Insurance Companies	01/2009
	Claims Included in Regulatory Retail Portfolios	01/2009
	Claims Secured by Residential Property	01/2008
	Claims Secured by Commercial Real Estate	01/2008
	Past Due Loans	01/2008
	Higher-risk Categories	01/2008
	Investments in Equities and Funds	01/2008
	Other Assets	01/2008
CA-3.3	Off-balance Sheet Items	01/2008

 Central Bank of Bahrain Rulebook	Volume 1: Conventional Banks
MODULE:	CA (Capital Adequacy Module)
Table of Contents	


		Date Last Changed
CA-3.4	External Credit Assessments	01/2008
	The Recognition Process and Eligibility Criteria	04/2008
	Multiple Assessment	01/2008
	Issuer Versus Issues Assessment	01/2008
	Domestic Currency and Foreign Currency Assessments	01/2008
	Short-term/Long-term Assessments	01/2008
	Level of Application of the Assessment	01/2008
	Unsolicited Ratings	01/2008
CA-4	Credit Risk – The Standardised Approach – Credit Risk Mitigation	
CA-4.1	Overarching Issues	01/2008
	Introduction	01/2008
	General Remarks	01/2008
	Legal Certainty	01/2008
CA-4.2	Overview of Credit Risk Mitigation Techniques	01/2008
	Collateralised Transactions	01/2008
	On-balance Sheet Netting	01/2008
	Guarantees and Credit Derivatives	01/2008
	Maturity Mismatch	01/2008
	Miscellaneous	01/2008
CA-4.3	Collateral	01/2008
	Eligible Financial Collateral	01/2008
	The Comprehensive Approach	01/2008
	The Simple Approach	01/2008
	Collateralized OTC Derivatives Transactions	01/2008
CA-4.4	On-balance Sheet Netting	01/2008
CA-4.5	Guarantees and Credit Derivatives	01/2008
	Operational Requirements	01/2008
	Range of Eligible Guarantors	01/2008
	Risk Weights	01/2008
	Currency Mismatches	01/2008
	Sovereign Guarantees and Counter Guarantees	01/2008
CA-4.6	Maturity Mismatches	01/2008
	Definition of Maturity	01/2008
	Risk Weights for Maturity Mismatches	01/2008
CA-4.7	Other Items Related to the Treatment of CRM Technique	01/2008

	Central Bank of Bahrain Rulebook	Volume 1: Conventional Banks
MODULE:	CA (Capital Adequacy Module)	
Table of Contents		

		Date Last Changed
CA-5	Credit Risk — The Internal Ratings-Based Approach	
CA-5.1	Overview	01/2008
CA-5.2	Mechanics of the IRB Approach	01/2008
	Categorization of Exposures	01/2008
	Foundation and Advanced Approaches	01/2008
	Transition Arrangements	01/2008
CA-5.3	Rules for Corporate, Sovereign, and Bank Exposures	01/2008
	Risk-weighted Assets for Corporate, Sovereign, and Bank Exposures	01/2008
	Risk Components	01/2008
CA-5.4	Rules for Retail Exposures	01/2008
	Risk-weighted Assets for Retail Exposures	01/2008
	Risk Components	01/2008
CA-5.5	Rules for Equity Exposures	01/2008
	Risk-weighted Assets for Equity Exposures	01/2008
	Risk Components	01/2008
CA-5.6	Rules for Purchased Receivables	01/2008
	Risk-weighted Assets for Default Risk	01/2008
	Risk-weighted Assets for Dilution Risk	01/2008
	Treatment of Purchase Price Discounts for Receivables	01/2008
	Recognition of Credit risk Mitigants	01/2008
CA-5.7	Treatment of Expected Losses and Recognition of Provisions	01/2008
	Calculation of Expected Losses	01/2008
	Calculation of Provisions	01/2008
	Treatment of EL and Provisions	01/2008
CA-5.8	Minimum Requirements for IRB Approach	01/2008
	Composition of Minimum Requirements	01/2008
	Compliance with Minimum Requirements	01/2008
	Rating System Design	01/2008
	Risk Rating System Operations	01/2008
	Corporate Governance and Oversight	01/2008
	Use of Internal Ratings	01/2008
	Risk Quantification	01/2008
	Validation of Internal Estimates	01/2008
	Supervisory LGD and EAD Estimates	01/2008
	Requirements for Recognition of Leasing	01/2008
	Calculation of Capital Charges for Equity Exposures	01/2008
	Disclosure Requirements	01/2008

	Central Bank of Bahrain Rulebook	Volume 1: Conventional Banks
MODULE:	CA (Capital Adequacy Module)	
Table of Contents		

		Date Last Changed
CA-6	Credit Risk — Securitisation Framework	
CA-6.1	Scope and Definitions of Transactions Covered under the Securitization Framework	01/2012
CA-6.2	Definitions and General Terminology	01/2008
CA-6.3	Operational Requirements for the Recognition of Risk Transference	01/2008
	Operational Requirements for Traditional Securitisations	01/2008
	Operational Requirements for Synthetic Securitisations	01/2008
	Operational Requirements and Treatment of Clean-up Calls	01/2008
CA-6.4	Treatment of Securitisation Exposures	01/2012
	Calculation of Capital Requirements	01/2012
	Operational Requirements for Use of External Credit Assessments	01/2012
	Standardised Approach for Securitisation Exposures	01/2012
	Internal Ratings-based Approach for Securitisation Exposures	01/2012
PART 3: Other Risks		
CA-7	Operational Risk	
CA-7.1	The Measurement Methodologies	01/2008
	The Basic Indicator Approach	01/2008
	The Standardised Approach	01/2008
CA-8	Market Risk – Trading Book	
CA-8.1	Definition of the Trading Book	01/2012
CA-8.2	This Section has been moved to CA-16	01/2012
CA-8.3	Treatment of Counterparty Credit Risk in the Trading Book	01/2008

 Central Bank of Bahrain Rulebook	Volume 1: Conventional Banks
MODULE:	CA (Capital Adequacy Module)
Table of Contents	

**Date Last
Changed**

CA-9	Market Risk – Interest Rate Risk – (STA)	
CA-9.1	Introduction	01/2012
CA-9.2	Specific Risk Calculation	01/2012
CA-9.3	General Market Risk Calculation	01/2008
CA-9.4	Maturity Method	01/2008
	Maturity Method: Time-bands and Risk Weights	01/2008
CA-9.5	Duration Method	01/2008
	Duration Method: Time-bands and Assumend	01/2008
	Changes in Yield	
CA-9.6	Derivatives	01/2008
CA-9.7	Calculation of Derivative Positions	01/2008
	Forward Foreign Exchange Contracts	01/2008
	Deposit Futures and FRA's	01/2008
	Bonds Futures and Forwards Bonds Transaction	01/2008
	Swaps	01/2008
CA-9.8	Netting of Derivative Positions	01/2008
CA-9.9	Calculation of Capital Charge for Derivatives	01/2008
CA-10	Market Risk – Equity Position Risk - Standardised Approach	
CA-10.1	Introduction	01/2008
CA-10.2	Calculation of Equity Positions	01/2008
CA-10.3	Specific Risk Calculation	01/2012
CA-10.4	General Risk Calculation	01/2012
CA-10.5	Equity Derivatives	01/2008
	Specific Risk on Positions in Equity Indices	01/2008
	Counterparty Risk	01/2008
CA-11	Foreign Exchange Risk - Standardised Approach	
CA-11.1	Introduction	01/2008
CA-11.2	De Minimis Exemptions	01/2008
CA-11.3	Calculation of Net Open Positions	01/2008
	Structural Positions	01/2008
	Derivatives	01/2008
CA-11.4	Calculation of the Overall Net Open Positions	01/2008
CA-11.5	Calculation of the Capital Charge	01/2008
CA-12	Commodities Risk - Standardised Approach	
CA-12.1	Introduction	01/2008
CA-12.2	Calculation of Commodities Positions	01/2008
	Netting	01/2008
	Derivatives	01/2008
CA-12.3	Maturity Ladder Approach	01/2008
CA-12.4	Simplifies Approach	01/2008



MODULE:	CA (Capital Adequacy Module)
Table of Contents	

		Date Last Changed
CA-13	Treatment of Options - Standardised Approach	
CA-13.1	Introduction	01/2008
CA-13.2	Simplified Approach (Carve-out)	01/2008
CA-13.3	Delta-plus Method (Buffer Approach)	01/2008
	Treatment of Delta	01/2008
	Where the Underlying is a Debt Security or an Interest Rate	01/2008
	Where the Underlying is an Equity Instrument	01/2008
	Options on Foreign Exchange and Gold Positions	01/2008
	Options on Commodities	01/2008
	Calculation of the Gamma and Vega Buffers	01/2008
CA-13.4	Scenario Approach	01/2008
CA-14	Use of Internal Models	
CA-14.1	Introduction	01/2008
CA-14.2	General Criteria	01/2008
CA-14.3	Qualitative Standards	01/2008
CA-14.4	Specification of Market Risk Factors	01/2012
CA-14.5	Quantitative Standards	01/2012
CA-14.6	Backtesting	01/2012
CA-14.7	Stress Testing	01/2012
CA-14.8	External Validation of Models	01/2008
CA-14.9	Letter of Model Recognition	01/2008
CA-14.10	Combination of Internal Models and the Standardised Methodology	01/2008
CA-14.11	Treatment of Specific Risk	01/2012
CA-14.12	Model Validation Standards	01/2012
CA-14.13	Principles for Calculating the IRC	01/2012
CA-15	Gearing Requirements	
CA-15.1	Gearing	04/2008
CA-16	Prudent Valuation Guidance	
CA-16.1	Prudent Valuation Guidance	01/2012

MODULE:	CA (Capital Adequacy Module)
Table of Contents	

	Date Last Changed
Appendix CA-1: The 15% of Tier 1 Limit on Innovative Instruments	01/2008
Appendix CA-2: Treatment of Counterparty Credit Risk and Cross-product Netting	01/2008
Appendix CA-3: Example of Insurance Acquisition	01/2008
Appendix CA-4: Capital Treatment for Failed Trades and Non-DvP Transactions	01/2008
Appendix CA-5: Overview of Methodologies for the Capital Treatment of Transactions Secured by Financial Collateral under the Standardised and IRB Approaches	01/2008
Appendix CA-6: Illustrative IRB Risk Weights	01/2008
Appendix CA-7: Supervisory Slotting Criteria for Specialised Lending	01/2008
Appendix CA-8: Illustrative Examples: Calculating the Effect of Credit Risk Mitigation under the Supervisory Formula	01/2008
Appendix CA-9: Mapping of Business Lines	01/2008
Appendix CA-10: Operational Risk – Example of Calculation of Capital Charge	01/2008
Appendix CA-11: Worked Example of Maturity Method of Calculating General Interest Rate Risk	06/2004
Appendix CA-12: Worked Example of Duration Method of Calculating General Interest Rate Risk	06/2004
Appendix CA-13: Worked Example of Maturity Ladder Approach for Calculating Commodities Risk	06/2004
Appendix CA-14: Worked Example of Delta-Plus Method of Calculating Options Risk	06/2004
Appendix CA-15: Supervisory Framework for the Use of Backtesting in Conjunction with the Internal Models Approach to Market Risk Capital Requirements	01/2008
Appendix CA-16: Table for Mapping Notations of Eligible ECAIs	04/2008
Appendix CA-17: Calculation of Risk Weighted Amount of an Investment Subject to Fair Value Treatment	01/2008
Appendix CA-18: Bahrain Sovereign and Public Sector Entities Eligible for 0% Risk Weighting	04/2008
Appendix CA-19: Stress Testing Guidance for the Correlation Trading Portfolio	01/2012
Appendix CA-20: Supplementary Schedules to Calculate Capital Charges under the Standardised Approach	04/2012