

**Credit Suisse Saudi Arabia
Pillar 3 – disclosure
2017**

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1 Scope of Application:

1.1 Scope:

The scope of the Pillar 3 Disclosure report applies to Credit Suisse Saudi Arabia (CSSA), a CMA licensed entity number 08104-37.

1.2 Group Structure:

Credit Suisse Saudi Arabia does not have any corporate ownership interests inside or outside Saudi Arabia.

2. Capital Structure:

2.1 Tier 1 and Tier 2 Capital:

CSSA Capital Base as of December 31st, 2017 comprise of only Tier 1 Capital.

Tier 1 Capital components for CSSA comprise only of Share Capital and Audited Accumulated losses that are defined as follows:

Capital: The Company's issued and fully paid capital is SAR 625,000,000 comprising 62,500,000 shares of SAR 10 each, as of December 31st, 2017.

Audited Accumulated Losses: Represent Audited Accumulated Losses since CSSA inception. CSSA Audited Accumulated Losses as of December 31st, 2017 is SAR 250,887,611.

There are no Tier 2 capital components with balances as of December 31st, 2017.

For full disclosure, please refer to Disclosure on CSSA Capital Base (Appendix I).

3.0 Capital Adequacy:

3.1 Strategy and Approach for the ICAAP:

CSSA apply the Internal Capital Adequacy Assessment Process (ICAAP) annually as required by CMA. The ICAAP is designed to ensure that management adequately identifies and measures all material risks, including Pillar 1 and Pillar 2 types of regulatory risks. It should also ensure that CSSA maintains sufficient internal capital relative to its risk profile and that it applies and develops adequate risk management systems.

Governance Body Oversight

CSSA's Board is responsible for understanding the nature and level of risk being taken by CSSA and how this risk relates to adequate capital levels. The roles and responsibilities of the Board, the Audit Committee, CEO and other departments with regards to the capital management at CSSA are outlined below in this document.

Sound Capital Assessment

The purpose of this stage is to identify and record the risks to which CSSA is exposed. The Legal entity Finance at CSSA has identified the material risks in CSSA as part of the ICAAP exercise. The Legal entity Finance will carry out a periodic review of these risks which will cover changes in existing risks, emergence of new risks in existing business or on account of introduction of new products/ business lines. The next step is to allocate internal capital to the risks identified in the previous step and where a decision has been made to provide capital against these risks. This allows senior management to make decisions regarding CSSA's risk-bearing capacity within the framework of the ICAAP.

To summarize this process, the CMA has already established the minimum requirements for Pillar I risks (credit, market and operational risk). In addition to Pillar I risks, CSSA identifies additional risks which will also need to be capitalized (Pillar II). The inclusion of Pillar II risks ensures that an appropriate level of internal capital is held in relation to CSSA's risk profile. The next step is then to apply these to business plans for the future and also to perform stress testing. Stress testing enables CSSA to determine the capital buffer that it should maintain.

Comprehensive Assessment of Risks

Once risks have been identified and quantified, individual risks and the associated capital requirements are aggregated to determine CSSA's overall capital requirement for the purpose of ICAAP.

Monitoring and Reporting

The risk monitoring process ensures that CSSA's risk profile remains in line with its risk appetite and framework. Legal entity finance must ensure that there is regular reporting to the CEO, Audit Committee and the Board regarding the capital adequacy of CSSA. The limits established will be monitored on a regular basis and any breaches will be reported on a timely basis.

3.2 Capital Requirements and Capital Ratio

The Pillar 3 disclosure report requires disclosure of Pillar 1 types of risks as well as the minimum required regulatory capital. Based on the assessments of all material Pillar 1 types of risks (Credit, Market and Operational), that apply to CSSA, the minimum level of regulatory capital required is SAR 20.7m. When netting the required minimum regulatory capital, based on the Pillar 1 types of risks, against the CSSA capital base (SAR 374.1m) as at 31st December 2017, the excess regulatory capital is calculated as SAR 353.4m. The CSSA regulatory capital ratio is 18.06 times the minimum regulatory capital required to meet the Pillar 1 types of risks.

This demonstrates CSSA has adequate minimum regulatory capital as at 31st December 2017.

For full details, please refer to Disclosure on Capital Adequacy as at December 31st, 2017 in Appendix II.

4.0 Risk Management

4.1 Risk Management Objectives

CSSA Capital Risk Management objective is to ensure that CSSA has adequate capital to meet the ICAAP (Pillar 1 and Pillar 2) types of risks, additionally; stress testing is applied to ensure adequate regulatory capital under stress scenarios.

4.2 Risk Management Framework

This section describes the roles and responsibilities of the governing body, senior management committees, and departments specific to the capital management process at CSSA. The roles and responsibilities discussed in this section will be applicable throughout this Policy.

Board of Directors (The Board)

The Board will be responsible for the following:

- Approve the ICAAP Policy that has been recommended by the Audit Committee and CEO;
- Approve the Risk Appetite of CSSA as part of the risk framework;
- Review the reports and assess that CSSA operates within the approved risk appetite.

Audit Committee

The Audit Committee will be responsible for the following:

- Review the ICAAP that outlines CSSA's current capital needs and anticipated capital requirements to ensure alignment with the overall business strategy of CSSA on an annual basis or earlier;
- Recommend it to the Board for approval;
- Review the internal capital adequacy level, in relation to the regulatory capital Standards and compliance with the Board approved targets and report the results to the Board; and
- Oversee the results of the quality assurance process of the Internal Audit on the robustness of the ICAAP framework and the reasonableness of the assumptions.

CEO

The CEO shall have the overall responsibility over the ICAAP and will be responsible for the following as well:

- Ensuring that ICAAP is an integral part of the business environment;
- Ensuring that COO, Legal Entity Finance, Legal and Compliance performs their roles and responsibilities;

Legal Entity Finance

The Legal Entity Finance will be responsible for the following:

- Prepare the annual budget based on the strategic plan to be submitted to the Board for approval in consultation with business lines;
- Compute and monitor the regulatory capital adequacy level under Pillar I on a monthly basis;
- Identify and assess the level and trend of material risks under Pillar II and their effect on capital levels;
- Evaluate the key assumptions used in the capital assessment measurement process;
- Assess the future capital requirements based on CSSA's reported risk profile and if required, make necessary adjustments to CSSA's strategic plan;
- Conduct stress tests on an annual basis and assess/report on the impact to the capital adequacy in the ICAAP;
- Monitor the internal capital adequacy level on a periodic basis and escalate to the Audit Committee and the Board of any breaches.

Legal and Compliance

The Legal & Compliance Department will be responsible for the following:

- Support an internal control review of the ICAAP framework on an annual basis to be undertaken by the CEO;
- Ensure that the capital measurement is aligned with the compliance standards/ requirements of the CMA; and
- Challenge the assumptions and data used in the ICAAP assessment, if required.

Internal Audit

The Group Internal Audit Department will be responsible for the following:

- Support an internal control review of the ICAAP framework if required to be undertaken by the CEO;
- Assess CSSA's capital assessment, and management processes on every visit and report to the Audit Committee;
- Review the reports prepared under the ICAAP framework for the reasonableness of the assumptions and the internal capital assessment.

5.0 Credit Risk

Credit risk is defined as one of the principal risks that CSSA faces. Credit risk is the risk of loss arising out of failure of counterparties to meet their financial or contractual obligations when due.

5.1 Risk Mitigation and Control

CSSA's credit exposures can be categorized as:

- Risk against placement with the banks
- Risk against corporate receivables
- Risk against accrued income/deferred expenditure

CSSA credit exposure is low as the majority of its credit exposure relate to the placement of its capital with a local bank regulated by SAMA and having its significant corporate receivable balance with its CS AG affiliate.

Credit risk mitigation is currently managed by CSSA finance. Though CSSA credit exposure is low, it is mitigated by placing CSSA capital with a grade 1 credit quality rated local bank and the dependence on its CS AG affiliate credit rating for its corporate receivables

5.2 Capital Requirements

Currently, CSSA uses the Standardized Approach prescribed under the Pillar I requirements of the CMA Prudential Rules to calculate minimum regulatory capital for the credit risk faced by it. The calculated credit risk minimum regulatory capital will also be taken as a proxy for the internal capital requirement under Pillar II. CSSA credit exposure relate to all on-balance sheets exposures and off-balance sheet commitments. The risk weighted assets for all on-balance sheets exposures and off-balance sheet commitments amount to **SAR 88.1m** with a calculated required minimum capital of **SAR 12.3 m** as of December 31st, 2017 and as based on the CMA Standardized Approach capital calculation.

For full credit risk disclosure, Please refer to the following tables in the Appendix:

- Disclosure on Credit Risk's Risk Weight (Appendix III)
- Disclosure on Credit Risk's Rated Exposure (Appendix IV)
- Disclosure on Credit Risk Mitigation (Appendix V)

6.0 Market Risk

Market Risk is the potential for losses in earnings or an adverse change in the value of CSSA's assets and liabilities in response to changes in their respective market prices. Currently, CSSA does not hold any equity positions in the trading book.

6.1 Risk Mitigation and Control

CSSA's market risk exposure is restricted to its foreign exchange exposures. As CSSA has limited exposure outside the GCC currencies which are already pegged to the US Dollar, foreign exchange volatility levels are negligible.

6.2 Capital Requirements

CSSA uses the Pillar I requirements for the calculation of the capital requirement for Currency Risk based on the Net Open position of currencies. CSSA's foreign exchange risk capital requirement as of December 31st 2017 was **SAR 14K**.

The Pillar I Market risk Capital requirement is considered adequate for Pillar II assessment, as well.

7.0 Operational Risk

Operational risk is the risk of direct or indirect loss resulting from inadequate or failed internal processes, people and systems or from external events. This definition excludes reputational and strategic risk.

7.1 Risk Mitigation and Control

CSSA operational risk is low. CSSA mitigates its operational risk by applying good corporate governance practices to promote a well-controlled environment. CSSA corporate governance practices involve regular local management meetings, Board and Sub-Board committee meetings to escalate issues and risks for resolutions. CSSA is also a subject to Credit Suisse annual internal audit as required by the CMA. Credit Suisse Internal Audit reviews the entities businesses and shared services functions local practices against best practices and standards to ensure that all types of risks including operational risks are mitigated to the extent possible.

7.2 Capital Requirements

Currently, CSSA uses the capital calculated under the Basic Indicator Approach (BIA) as well as Expenditure Based Approach (whichever is higher) for calculating its internal capital requirement for its operational risk, as stipulated by the CMA Pillar 1 Capital Adequacy Model (CAM). As a result, CSSA operational risk regulatory capital requirement as of December 31st 2017 was **SAR 8.4m**

8.0 Liquidity Risk

Liquidity risks are the risk of CSSA not being able to, or have sufficient funds to meet all contractual and regulatory obligations.

CSSA has a Board approved policy to address Liquidity Risk Management

8.1 Liquidity Risk Management Objectives and Strategy

CSSA liquidity risk management objectives are to ensure:

- Sufficient liquid assets should exist to cover maturing liabilities and/or short term operational expenses.
- Short-term funding, if applicable, should not be relied upon heavily.
- Funding sources, counterparties, currency, region and term of funding should be diversified, as part of the CS Liquidity Management Framework.
- Funding for adverse (stress) market or specific conditions should be anticipated and available through contingency planning.

The Liquidity risk management strategy includes assessing liquidity risks and performing liquidity stress tests to ensure liquidity risk management objectives are met.

8.2 Liquidity Risk Assessment

A liquidity risk assessment dashboard is produced by CSSA legal entity Finance semi-annually to summarize, monitor and assess the overall liquidity risk of CSSA.

CSSA models three types of contingencies, as detailed below:

- Contractual: fulfilling requests based on contractual obligations
- Behavioral/counterparties actively reduce exposure to the Bank, resulting in outflows.
- Working capital is to be maintained for normal daily operations, as well as unplanned events.

The CSSA Liquidity risk assessment is based on forecasting CSSA's Net Cash Inflow/Outflow position over an 18 month period to result to a Net Cash Flow position at the end of the 18 month period under a "Business as Usual" scenario that assumes static revenues and operating expenses over the forecasted period.

In addition, revenues stressed assumed scenarios are developed over the 18 month forecast period but keeping operating expenses flat to arrive at the resultant Net Cash Position at the end of the forecast period.

Liquidity ratios are also reported in the Dashboard on a semiannual basis. The dashboard is then reviewed by the CEO and Audit Committee on a semi-annual basis

8.3 Stress Testing results and Liquidity Ratio

At the end of August, 2019, CSSA was assessed with a Net Positive Cash flow of **SAR 290.1m**, under an extreme 100% loss of revenue for the 18 months forecast cash flow period.

The CSSA liquidity ratio (Current Assets to Current Liabilities) was at 183 times as of 28th February, 2018.

The above results show that CSSA has adequate liquidity to meet its contractual obligations.

8.4 Contingency Funding Plan

In the event of any negative cash flow forecast at any stress testing scenarios summarized in the dashboard, CSSA legal entity finance should:

- Report to regional finance, treasury and local management (Country CEO/COO).
- Depending on the discussions, legal entity finance will determine if additional steps should be taken to provide additional liquidity into CSSA , the amount of funding needed and the timeline for having this achieved.
- External Auditors/local tax consultants/LCD should advise for any local regulatory requirement.
- CSSA Audit Committee needs to be updated with steps taken by management to address the funding need of CSSA
- CSSA Board will be presented with the case to fund liquidity into CSSA and the options available for the funding for their approval.
- CSSA General Assembly needs to authorize the amount of funding before additional steps are implemented.
- After CSSA General Assembly approval, treasury, cash management and the legal entity finance should discuss steps to have the required and approved funding in place.

APPENDIX

Appendix I: Disclosure on CSSA Capital Base

December 31st, 2017

Capital Base	SAR '000
<u>Tier-1 capital</u>	
Paid-up capital	625,000
Audited retained earnings/(accumulated losses)	(250,888)
Share premium	0
Reserves (other than revaluation reserves)	0
Tier-1 capital contribution	0
Deductions from Tier-1 capital	0
Total Tier-1 capital	374,112
<u>Tier-2 capital</u> Subordinated	
loans Cumulative preference	0
shares Revaluation reserves	0
Other deductions from Tier-2 (-)	0
Deduction to meet Tier-2 capital limit (-)	0
Total Tier-2 capital	0
TOTAL CAPITAL BASE	374,112

Appendix II: Disclosure on Capital Adequacy as at December 31st, 2017				
Exposure Class	Exposures before CRM SAR '000	Net Exposures after CRM SAR '000	Risk Weighted Assets SR '000	Capital Requirement SAR '000
<i>Credit Risk (Non Trading Activites)</i>				
<i>On-balance Sheet Exposures</i>				
Governments and Central Banks	0	0	0	0
Authorised Persons and Banks	376,739	376,739	75,348	10,549
Corporates	0	0	0	0
Retail	0	0	0	0
Investments	0	0	0	0
Securitisation	0	0	0	0
Margin Financing	0	0	0	0
Other Assets	4,253	4,253	12,758	1,786
Total On-Balance sheet Exposures	380,992	380,992	88,106	12,335
<i>Off-balance Sheet Exposures</i>				
OTC/Credit Derivatives	0	0	0	0
Repurchase agreements	0	0	0	0
Securities borrowing/lending	0	0	0	0
Commitments	0	0	0	0
Other off-balance sheet exposures	0	0	0	0
Total Off-Balance sheet Exposures	0	0	0	0
Total On and Off-Balance sheet Exposures	380,992	380,992	88,106	12,335
Prohibited Exposure Risk Requirement	0	0	0	0
Total Credit Risk Exposures	380,992	380,992	88,106	12,335
<i>Market Risk</i>	Long	Short Positions		
Interest rate risks	0	0		0
Equity price risks	0	0		0
Risks related to investment funds	0	0		0
Securitisation/resecuritisation positions	0	0		0
Excess exposure risks	0	0		0
Settlement risks and counterparty risks	0	0		0
Foreign exchange rate risks	602	0		14
Commodities risks.	0	0		0
Total Market Risk Exposures	602	0		14
<i>Operational Risk</i>				8,363
Minimum Capital Requirements				20,712
Surplus/(Deficit) in capital				353,400
Total Capital ratio (time)				18.06

Appendix III: Disclosure on Credit Risk's Risk Weight as at December 31st, 2017 (SAR'000)														
Non - Trading Activities														
Risk Weights	Exposures after netting and credit risk mitigation												Total Exposure after netting and Credit Risk Mitigation	Total Risk Weighted Assets
	Governments and central banks	Administrative bodies and NPO	Authorised persons and banks	Margin Financing	Corporates	Retail	Past due items	Investments	Securitisation	Other assets	Off-balance sheet commitments			
0%	0	0	0	0	0	0	0	0	0	0	0	0	0	
20%	0	0	376,739		0	0	0	0	0	0	0	0	376,739	75,348
50%	0	0	0	0	0	0	0	0	0	0	0	0	0	0
100%	0	0	0	0	0	0	0	0	0	0	0	0	0	0
150%	0	0	0	0	0	0	0	0	0	0	0	0	0	0
200%	0	0	0	0	0	0	0	0	0	0	0	0	0	0
300%	0	0	0	0	0	0	0	0	0	4,253		4,253	12,758	
400%	0	0	0	0	0	0	0	0	0	0	0	0	0	0
500%	0	0	0	0	0	0	0	0	0	0	0	0	0	0
714% (include prohibited exposure)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Average Risk Weight	0	0	376,739	0	0	0	0	0	0	4,253	0	380,992	88,106	
Deduction from Capital Base	0	0	10,549	0	0	0	0	0	0	1,786	0	12,335	12,335	

App V: Disclosure on CSSA Credit Risk Mitigation (CRM) as at December 31st, 2017 (SAR'000)

Credit Risk on Non-Trading Activities

Exposure Class	Exposures before CRM	Exposures covered by Guarantees/ Credit derivatives	Exposures covered by Financial Collateral	Exposures covered by Netting Agreement	Exposures covered by other eligible collaterals	Exposures after CRM
Credit Risk						
<i>On-balance Sheet Exposures</i>						
Governments and Central Banks	0	0	0	0	0	0
Authorised Persons and Banks	376,739	0	0	0	0	376,739
Corporates	0	0	0	0	0	0
Retail	0	0	0	0	0	0
Investments	0	0	0	0	0	0
Securitisation	0	0	0	0	0	0
Margin Financing	0	0	0	0	0	0
Other Assets	4,253	0	0	0	0	4,253
Total On-Balance sheet Exposures	380,992	0	0	0	0	380,992
<i>Off-balance Sheet Exposures</i>	0	0	0	0	0	0
OTC/Credit Derivatives	0	0	0	0	0	0
Exposure in the form of repurchase agreements	0	0	0	0	0	0
Exposure in the form of securities lending	0	0	0	0	0	0
Exposure in the form of commitments	0	0	0	0	0	0
*Other Off-Balance sheet Exposures	0	0	0	0	0	0
Total Off-Balance sheet Exposures	0	0	0	0	0	0
Total On and Off-Balance sheet Exposures	380,992	0	0	0	0	380,992

* Refer to Chapter 2 of Annex 3.