

AXIS/CO/CS/453/2022-23

December 15, 2022

Listing & Compliance Department
National Stock Exchange of India Limited
Exchange Plaza, 5th Floor
Plot No. C/1, "G" Block
Bandra-Kurla Complex
Bandra (E), Mumbai – 400 051
NSE Symbol: AXISBANK

Listing Department
BSE Limited
1st Floor, New Trading Ring,
Rotunda Building
P. J. Towers, Dalal Street
Fort, Mumbai – 400 001
BSE Scrip Code : 532215

Dear Sir(s),

SUB: Rating Action by CRISIL RATINGS LIMITED

REF: REGULATION 30 OF THE SEBI (LISTING OBLIGATIONS AND DISCLOSURE REQUIREMENTS) REGULATIONS, 2015 ("LISTING REGULATIONS").

This is to inform you that credit rating agency CRISIL Ratings Limited has reaffirmed its 'CRISIL AAA/CRISIL AA+/Stable/CRISIL A1+' ratings on the debt instruments of the Bank.

The rating rationale letter of CRISIL Ratings Limited received by the Bank on December 14, 2022 is attached herewith.

You are requested to take the above on record and bring this to the notice of all concerned.

Thanking you.

Yours sincerely,
For Axis Bank Limited

Sandeep Poddar
Company Secretary

Encl.: As above

CC: London Stock Exchange
Singapore Stock Exchange

Rating Rationale

December 14, 2022 | Mumbai

Axis Bank Limited

Ratings Reaffirmed

Rating Action

Rs.500 Crore Tier I Bonds (Under Basel III)	CRISIL AA+/Stable (Reaffirmed)
Rs.2500 Crore Tier I Bonds (Under Basel III)	CRISIL AA+/Stable (Reaffirmed)
Rs.3500 Crore Tier I Bonds (Under Basel III)	CRISIL AA+/Stable (Withdrawn)
Rs.4000 Crore Tier II Bonds (Under Basel III)	CRISIL AAA/Stable (Reaffirmed)
Rs.850 Crore Tier II Bonds (Under Basel III)	CRISIL AAA/Stable (Reaffirmed)
Rs.2000 Crore Tier II Bonds (Under Basel III)	CRISIL AAA/Stable (Reaffirmed)
Rs.2500 Crore Tier II Bonds (Under Basel III)	CRISIL AAA/Stable (Reaffirmed)
Rs.5000 Crore Tier II Bonds (Under Basel III)	CRISIL AAA/Stable (Reaffirmed)
Rs.5000 Crore Infrastructure Bonds	CRISIL AAA/Stable (Reaffirmed)
Rs.7500 Crore Infrastructure Bonds	CRISIL AAA/Stable (Reaffirmed)
Rs.6000 Crore Infrastructure Bonds	CRISIL AAA/Stable (Reaffirmed)
Rs.5000 Crore Infrastructure Bonds	CRISIL AAA/Stable (Reaffirmed)
Rs.3000 Crore Infrastructure Bonds	CRISIL AAA/Stable (Reaffirmed)
Rs.3205 Crore Infrastructure Bonds	CRISIL AAA/Stable (Reaffirmed)
Rs.3775 Crore Infrastructure Bonds	CRISIL AAA/Stable (Reaffirmed)
Rs.60000 Crore Certificate of Deposits	CRISIL A1+ (Reaffirmed)

Note: None of the Directors on CRISIL Ratings Limited's Board are members of rating committee and thus do not participate in discussion or assignment of any ratings.

The Board of Directors also does not discuss any ratings at its meetings.

1 crore = 10 million

Refer to Annexure for Details of Instruments & Bank Facilities

Detailed Rationale

CRISIL Ratings has reaffirmed its 'CRISIL AAA/CRISIL AA+/Stable/CRISIL A1+' ratings on the debt instruments of Axis Bank Limited (Axis bank)

The overall ratings continue to reflect the bank's strong capitalization and strong market position and its comfortable resource profile. These strengths are partly tempered by the average asset quality.

Supported by regular equity capital raised by via qualified institutional placements (QIP) and improved accruals, the capital ratios of Axis Bank have remained healthy, as reflected in tier 1 and overall capital to risk-weighted adequacy ratio (CRAR) of 15.75% and 17.72%, respectively, as on September 30, 2022 as against 17.54% and 20.04%, respectively, a year earlier (16.34% and 18.54%, respectively, as on March 31, 2022). Rating on the Tier I bonds (Under Basel III) is as per the criteria for these instruments (please refer to '[CRISIL's rating criteria for BASEL III-compliant instruments of banks](#)').

Analytical Approach

For arriving at its ratings, CRISIL Ratings has combined the business and financial risk profiles of Axis Bank and its subsidiaries. This is because of majority shareholding, business and financial linkages and shared brand.

Please refer Annexure - List of entities consolidated, which captures the list of entities considered and their analytical treatment of consolidation.

Key Rating Drivers & Detailed Description

Strengths:

Strong capital position with demonstrated ability to raise capital

Capitalisation is strong, with sizeable networth of Rs 1,24,564 crore as on September 30, 2022 (Rs 1,07,083 crore as on September 30, 2021). Tier-I capital adequacy ratio (CAR) and overall CAR were comfortable at 15.75% and 17.72%, respectively, as on same date (17.54% and 20.04%, respectively, as on September 30, 2021). Capitalisation is also supported

by the bank's demonstrated ability to raise equity. Healthy network also cushions credit growth and helps maintain adequate cover against net non-performing assets (NPAs). Net worth to net NPA ratio stood at 31 times as on September 30, 2022 and has improved from 9.1 times as on March 31, 2020. Given the bank's healthy cash accrual and demonstrated ability to raise capital, it is likely to maintain healthy capitalisation to support overall credit risk profile of the bank and also adequately cover for asset-side risks, while pursuing credit growth over the medium term.

Healthy resource profile

The resource profile remains healthy, with share of stable low-cost current and savings account (CASA) deposits at 46% of total deposits as on September 30, 2022 (45% as on March 31, 2022, 45% as on March 31, 2021 and 41% as on March 31, 2020). Although there was a drop in the share of CASA deposits from March 31, 2018, the overall retail term deposits (retail term deposits/ total term deposits) remain stable at 65% (based on quarterly average balance) as on September 30, 2022. This contributes to competitive cost of deposits and cushions the net interest margin. The bank has a strong focus on increasing the CASA share and has been ramping up their branch network to effectively target the retail customer base.

With a network of 4,760 branches (domestic, including extension counters) as on September 30, 2022 and a strong digital footprint, the bank is expected to sustain a healthy resource profile over the medium term.

Strong market position

Axis Bank is amongst the top three private sector banks, with a market share of around 5.7% and 4.7% in advances and deposits, respectively. Advances recorded a compound annual growth rate (CAGR) of ~10% over the five fiscals through 2022, mainly contributed by stronger growth in retail loans (~14% CAGR). Also, the loan portfolio is well balanced with retail loans constituting 58% of loans, followed by corporate (31%) and small and medium enterprise (SME; 11%) loans, as on September 30, 2022. Share of the retail portfolio has grown sharply to 58% as on September 30, 2022, from 27% as on March 31, 2013.

The bank has also retained its strong position in the debt syndication business, which continues to support expansion in fee income. With healthy capitalisation, well spread out branch network, diverse product offerings, and a strong digital footprint, market share is expected to improve over the medium term.

Weakness:

Average asset quality

The bank's overall asset quality remains average, although it is on improving trend over the last few quarters and stood at 2.50% as on September 30, 2022. The improving trend is driven by controlled slippages coupled with higher upgradation and recoveries (Upgradations and recoveries of Rs 14,351 crore for fiscal 2022 as against Rs 8,258 crore for previous fiscal). However, over the near-to-medium term, the asset quality will remain monitorable.

Under the various schemes announced by the RBI dated January 1, 2019, February 11, 2020, August 6, 2020, and May 5, 2021, the bank had outstanding restructured portfolio of 0.38% of gross advances as on September 30, 2022. Nevertheless, the ability of the bank to manage collections and asset quality going forward will be a key monitorable. Provision coverage ratio (excluding technical write-offs) stood at 80% as on September 30, 2022 (70% as on September 30, 2021).

Ability to manage asset quality, in both the corporate and retail loan portfolios amidst the challenging macro environment will remain a key rating monitorable over the near-to-medium term.

Liquidity: Superior

The bank's liquidity position is comfortable, supported by a strong retail deposit base that forms significant part of the total deposits. Bank's liquidity coverage ratio was 121% (on a consolidated basis) as on September 30, 2022. The bank's liquidity also benefits from access to systemic sources of funds such as the liquidity adjustment facility from the RBI, access to the call money market, and refinance limits from sources such as National Housing Bank and National Bank for Agriculture and Rural Development.

ESG Profile^[1]

CRISIL Ratings believes that Axis Bank's Environment, Social, and Governance (ESG) profile supports its already strong credit risk profile.

The ESG profile in banking sector typically factors in governance as a key differentiator between individual banks. The sector has reasonable social impact because of its substantial employee and customer base, and it can play a key role in promoting financial inclusion. While the sector does not have a direct adverse environmental impact, the lending decisions may have a bearing on environment.

Axis Bank has an ongoing focus on strengthening various aspects of its ESG profile.

Axis Bank's key ESG highlights:

- The bank has in place the ESG policy for Lending that integrates environmental and social risk assessment into corporate credit appraisal mechanism. The Policy applies to all new funding projects, subject to the specified threshold criteria. Further, the Bank channelizes its investments towards low carbon sectors such as renewable energy, mass transport, electric mobility and green infrastructure. In fiscal 2022, the bank has committed to incremental financing of Rs 30,000 crore towards green and social sectors till fiscal 2026. Having raised green bonds earlier, the bank has raised USD 600 million sustainable additional tier 1 bonds in the overseas markets in fiscal 2022.

- Bank made commitment for planting 2 million trees by fiscal 2027 across India towards contributing to creating a carbon sink. It has set a target of carbon emissions reduction of at least 10% of its total emissions by 2024 and making its three large offices, in Mumbai and its disaster recovery center in Bengaluru, net zero carbon emissions by March 2022. Bank will further committed to make 5% of its Retail Two-Wheeler loan portfolio as electric by FY 2024
- Bank has taken various initiatives to support gender diversity, such as a specific leadership focused programme for women restarting from a career break and diversity-focused hiring programmes. In fiscal 2022, it launched its 'Come As You Are' Diversity Charter. As on March 31, 2022, 24.7% of the bank's employee were women and the bank targets to take this to 30% by fiscal 2027.
- Axis Bank Foundation (ABF), under its Sustainable Livelihoods programme, has impacted over 1 million households under its commitment. The bank has set a target of reaching 2 Million households by 2025 and will make incremental disbursements of Rs 10,000 crore by 2024.
- Majority of the board members are independent directors, none of the independent directors have tenure of more than 10 years and there is a segregation in chairperson and executive positions. The bank has a dedicated investor grievance redressal mechanism and the disclosures put out by it are extensive. The bank also has a standalone ESG Committee at the Board level.

There is growing importance of ESG among investors and lenders. Axis Bank's commitment to ESG will play a key role in enhancing stakeholder confidence, given high share of foreign investors as well as access to both domestic and foreign capital markets.

⁽¹⁾Basis the Sustainability report published by Axis Bank for fiscal 2021

Outlook: Stable

CRISIL Ratings believes Axis Bank will continue to maintain its strong capital position, healthy resource profile, and comfortable earnings profile over the medium term.

Rating Sensitivity Factors

Downward Factors

- Higher than expected deterioration in asset quality thereby impacting earnings profile
- Decline in capital adequacy ratios (including CCB) with CET I remaining below 11% on sustained basis

About the Bank

Axis Bank commenced operations in 1994 as UTI Bank, which was renamed in July 2007, and is now the third-largest private sector bank in India. It was jointly promoted by the administrator of Specified Unit Trust of India Undertaking, Life Insurance Corporation of India Ltd, General Insurance Corporation Ltd, and four public sector undertakings (National Insurance Company Ltd, The New India Assurance Company Ltd, The Oriental Insurance Company Ltd, and United Insurance Company Ltd). As on September 30, 2022, the bank had a 4,760 network domestic branches including extension counters across the country.

On March 30, 2022, Axis Bank and Citibank announced that their respective Boards of Directors have approved the acquisition of Citibank's consumer businesses (credit cards, retail banking, wealth management, asset backed financing and consumer loans) in India by Axis Bank. They have entered into definitive agreement and proposed acquisition is subject to regulatory approval. Axis Bank will pay a consideration of up to Rs 12,325 crore to Citibank for the acquisition. Through this transaction, Axis Bank will get access to around 30 lakh unique customers of Citibank. The deal is expected to enhance Axis Bank's position in wealth and private banking business and also increase the market share in cards space. Addition of Citibank's deposit franchise is expected to result in ~200 basis points rise in current and savings account (CASA) for Axis Bank and the lending business will further add granularity on the asset side. Further, ability to retain around 3,600 employees of Citibank and manage the post integration process will be a crucial element for the realisation of synergies going ahead.

On standalone basis, the bank reported profit after tax (PAT) was Rs 13,025 crore on total income of Rs 48,353 crore in fiscal 2022, against Rs 6,589 crore and Rs 41,503 crore, respectively, in fiscal 2021.

On consolidated basis, the bank reported PAT was Rs 14,119 crore on total income (net of interest expense) of Rs 51,192 crore in fiscal 2022, against Rs 7,196 crore and Rs 43,347 crore, respectively, in fiscal 2021.

Key Financial Indicators (Standalone)

As on/for six months ended September 30	Unit	2022	2021
Total assets	Rs crore	11,85,272	10,50,738
Total income*	Rs crore	26,684	22,817
PAT	Rs crore	9,455	5,293
Gross NPA (as a % of gross advances)	%	2.50%	3.53%
Overall capital adequacy ratio	%	17.72%	20.04%
Return on assets (annualised)	%	1.62%	1.03%

Key Financial Indicators (Consolidated)

*Total income = net interest income (NII) + other income

As on/for six months ended September 30	Unit	2022	2021
Total assets	Rs crore	12,09,790	10,66,950
Total income*	Rs crore	28,230	24,057
PAT	Rs crore	9,993	5,745
Return on assets (annualised)	%	1.7%	1.1%

Any other information:

Note on Tier-I Instruments (under Basel III)

The distinguishing features of non-equity Tier-I capital instruments (under Basel III) are the existence of coupon discretion at all times, high capital thresholds for likely coupon non-payment, and principal write-down (on breach of a pre-specified trigger). These features increase risk attributes of non-equity Tier-I instruments over those of Tier-II instruments under Basel III, and capital instruments under Basel II. To factor in these risks, CRISIL notches down the rating on these instruments from the bank's corporate credit rating. The rating on Axis's Tier-I bonds (under Basel III) has, therefore, been lowered by one notch from its corporate credit rating to CRISIL AA+/Stable, in line with CRISIL's criteria (refer to 'CRISIL's rating criteria for BASEL III compliant instruments of banks').

The factors that could trigger a default event for non-equity Tier-I capital instruments (under Basel III) resulting in non-payment of coupon are: i) the bank exercising coupon discretion; ii) inadequacy of eligible reserves to honour coupon payment if the bank reports losses or low profits; or iii) the bank breaching the minimum regulatory Common Equity Tier-1 (CET I; including Capital Conservation Buffer) ratio. Moreover, given the additional risk attributes, the rating transition for non-equity Tier-I capital instruments (under Basel III) can potentially be higher and faster than that for Tier-II instruments.

Note on Tier-II Instruments (under Basel III)

The distinguishing feature of Tier-II capital instruments under Basel II is the existence of the point of non-viability (PONV) trigger, the occurrence of which may result in loss of principal to the investors and hence, to default on the instrument by the issuer. According to the Basel III guidelines, the PONV trigger will be determined by the Reserve Bank of India (RBI). CRISIL believes that the PONV trigger is a remote possibility in the Indian context, given the robust regulatory and supervisory framework and the systemic importance of the banking sector. The inherent risk associated with the PONV feature is adequately factored into the rating on the instrument.

Note on complexity levels of the rated instrument:

CRISIL Ratings` complexity levels are assigned to various types of financial instruments and are included (where applicable) in the ?Annexure ? Details of Instrument? in this Rating Rationale.

CRISIL Ratings will disclose complexity level for all securities ? including those that are yet to be placed - based on available information. The complexity level for instruments may be updated, where required, in the rating rationale published subsequent to the issuance of the instrument when details on such features are available.

For more details on the CRISIL Ratings` complexity levels please visit www.crisil.com/complexity-levels. Users may also call the Customer Service Helpdesk with queries on specific instruments.

Annexure - Details of Instrument(s)

ISIN	Name of Instrument	Date of Allotment	Coupon Rate (%)	Maturity Date	Issue Size (Rs.Cr)	Complexity Level	Rating Outstanding with Outlook
INE238A08468	Infrastructure Bonds	30-Jan-20	7.65%	30-Jan-27	4175	Simple	CRISIL AAA/Stable
INE238A08435	Tier II Bonds Issue (Under Basel III)	15-Jun-17	7.66%	15-Jun-27	5000	Complex	CRISIL AAA/Stable
INE238A08369	Tier II Bonds Issue (Under Basel III)	12-Feb-15	8.45%	12-Feb-25	850	Complex	CRISIL AAA/Stable
INE238A08377	Tier II Bonds Issue (Under Basel III)	30-Sep-15	8.50%	30-Sep-25	1500	Complex	CRISIL AAA/Stable
INE238A08393	Tier II Bonds Issue (Under Basel III)	27-May-16	8.50%	27-May-26	2430	Complex	CRISIL AAA/Stable
NA	Tier II Bonds Issue (Under Basel III)^	NA	NA	NA	4570	Complex	CRISIL AAA/Stable
INE238A08351	Infrastructure Bonds	5-Dec-14	8.85%	5-Dec-24	5705	Simple	CRISIL AAA/Stable
INE238A08385	Infrastructure Bonds Issue	30-Oct-15	8.25%	30-Oct-25	3000	Simple	CRISIL AAA/Stable

INE238A08401	Infrastructure Bonds Issue	20-Oct-16	7.60%	20-Oct-23	5000	Simple	CRISIL AAA/Stable
INE238A08450	Infrastructure Bonds Issue	28-Dec-18	8.60%	28-Dec-28	3000	Simple	CRISIL AAA/Stable
INE238A08476	Infrastructure Bonds	22-Dec-21	6.99%	22-Dec-31	2600	Simple	CRISIL AAA/Stable
NA	Bonds (Additional Tier I under BASEL III)^	NA	NA	NA	2500	Highly complex	CRISIL AA+/Stable
NA	Bonds (Additional Tier I under BASEL III)^	NA	NA	NA	500	Highly complex	CRISIL AA+/Stable
NA	Infrastructure Bonds issue^	NA	NA	NA	10000	Simple	CRISIL AAA/Stable
NA	Certificate of Deposits	NA	NA	7-365 days	60000	Simple	CRISIL A1+

^Yet to be issued

Annexure - List of Entities Consolidated

Names of Entities Consolidated	Extent of Consolidation	Rationale for Consolidation
Axis Capital Limited	Full	Subsidiary
Axis Asset Management Company Limited	Full	Subsidiary
Axis Finance Limited	Full	Subsidiary
Axis Securities Limited	Full	Subsidiary
Axis Bank UK Limited	Full	Subsidiary
Freecharge Payment Technologies Private Limited	Full	Subsidiary
Axis Capital USA, LLC.	Full	Step down Subsidiary
A.TREDS Limited	Full	Subsidiary
Axis Trustee Services Limited	Full	Subsidiary
Axis Mutual Fund Trustee Limited	Full	Subsidiary
Axis Pension Fund Management Limited	Full	Step down Subsidiary

Annexure - Rating History for last 3 Years

Instrument	Type	Current		2022 (History)		2021		2020		2019		Start of 2019
		Outstanding Amount	Rating	Date	Rating	Date	Rating	Date	Rating	Date	Rating	Rating
Certificate of Deposits	ST	60000.0	CRISIL A1+	06-12-22	CRISIL A1+	15-12-21	CRISIL A1+	17-01-20	CRISIL A1+	30-12-19	CRISIL A1+	CRISIL A1+
			--	19-09-22	CRISIL A1+	29-01-21	CRISIL A1+	--	--	--	--	
			--	06-04-22	CRISIL A1+	--	--	--	--	--		
			--	21-01-22	CRISIL A1+	--	--	--	--	--		
Infrastructure Bonds	LT	33480.0	CRISIL AAA/Stable	06-12-22	CRISIL AAA/Stable	15-12-21	CRISIL AAA/Stable	17-01-20	CRISIL AAA/Stable	30-12-19	CRISIL AAA/Stable	CRISIL AAA/Stable
			--	19-09-22	CRISIL AAA/Stable	29-01-21	CRISIL AAA/Stable	--	--	--	--	
			--	06-04-22	CRISIL AAA/Stable	--	--	--	--	--		
			--	21-01-22	CRISIL AAA/Stable	--	--	--	--	--		
Tier I Bonds (Under Basel III)	LT	3000.0	CRISIL AA+/Stable	06-12-22	CRISIL AA+/Stable	15-12-21	CRISIL AA+/Stable	17-01-20	CRISIL AA+/Stable	30-12-19	CRISIL AA+/Stable	CRISIL AA+/Stable
			--	19-09-22	CRISIL AA+/Stable	29-01-21	CRISIL AA+/Stable	--	--	--	--	
			--	06-04-22	CRISIL AA+/Stable	--	--	--	--	--		
			--	21-01-22	CRISIL AA+/Stable	--	--	--	--	--		
Tier II Bonds (Under Basel III)	LT	14350.0	CRISIL AAA/Stable	06-12-22	CRISIL AAA/Stable	15-12-21	CRISIL AAA/Stable	17-01-20	CRISIL AAA/Stable	30-12-19	CRISIL AAA/Stable	CRISIL AAA/Stable
			--	19-09-22	CRISIL AAA/Stable	29-01-21	CRISIL AAA/Stable	--	--	--	--	

			--	06-04-22	CRISIL AAA/Stable		--		--		--	--
			--	21-01-22	CRISIL AAA/Stable		--		--		--	--

All amounts are in Rs.Cr.

Criteria Details

Links to related criteria

[Rating Criteria for Banks and Financial Institutions](#)

[CRISILs Criteria for rating short term debt](#)

[Rating criteria for Basel III - compliant non-equity capital instruments](#)

[CRISILs Criteria for Consolidation](#)

Media Relations	Analytical Contacts	Customer Service Helpdesk
<p>Aveek Datta Media Relations CRISIL Limited M: +91 99204 93912 B: +91 22 3342 3000 AVEEK.DATTA@crisil.com</p> <p>Prakruti Jani Media Relations CRISIL Limited M: +91 98678 68976 B: +91 22 3342 3000 PRAKRUTI.JANI@crisil.com</p> <p>Rutuja Gaikwad Media Relations CRISIL Limited B: +91 22 3342 3000 Rutuja.Gaikwad@ext-crisil.com</p>	<p>Krishnan Sitaraman Senior Director and Deputy Chief Ratings Officer CRISIL Ratings Limited D:+91 22 3342 8070 krishnan.sitaraman@crisil.com</p> <p>Subhasri Narayanan Director CRISIL Ratings Limited D:+91 22 3342 3403 subhasri.narayanan@crisil.com</p> <p>Shubhendra Nigam Senior Rating Analyst CRISIL Ratings Limited B:+91 22 3342 3000 shubhendra.nigam@crisil.com</p>	<p>Timings: 10.00 am to 7.00 pm Toll free Number:1800 267 1301</p> <p>For a copy of Rationales / Rating Reports: CRISILratingdesk@crisil.com</p> <p>For Analytical queries: ratingsinvestordesk@crisil.com</p>

Note for Media:

This rating rationale is transmitted to you for the sole purpose of dissemination through your newspaper/magazine/agency. The rating rationale may be used by you in full or in part without changing the meaning or context thereof but with due credit to CRISIL Ratings. However, CRISIL Ratings alone has the sole right of distribution (whether directly or indirectly) of its rationales for consideration or otherwise through any media including websites and portals.

About CRISIL Ratings Limited (A subsidiary of CRISIL Limited)

CRISIL Ratings pioneered the concept of credit rating in India in 1987. With a tradition of independence, analytical rigour and innovation, we set the standards in the credit rating business. We rate the entire range of debt instruments, such as bank loans, certificates of deposit, commercial paper, non-convertible/convertible/partially convertible bonds and debentures, perpetual bonds, bank hybrid capital instruments, asset-backed and mortgage-backed securities, partial guarantees and other structured debt instruments. We have rated over 33,000 large and mid-scale corporates and financial institutions. We have also instituted several innovations in India in the rating business, including ratings for municipal bonds, partially guaranteed instruments and infrastructure investment trusts (InvITs).

CRISIL Ratings Limited ('CRISIL Ratings') is a wholly-owned subsidiary of CRISIL Limited ('CRISIL'). CRISIL Ratings Limited is registered in India as a credit rating agency with the Securities and Exchange Board of India ("SEBI").

For more information, visit www.crisilratings.com

About CRISIL Limited

CRISIL is a global analytical company providing ratings, research, and risk and policy advisory services. We are India's leading ratings agency. We are also the foremost provider of high-end research to the world's largest banks and leading corporations.

CRISIL is majority owned by S&P Global Inc, a leading provider of transparent and independent ratings, benchmarks, analytics and data to the capital and commodity markets worldwide.

For more information, visit www.crisil.com

Connect with us: [TWITTER](#) | [LINKEDIN](#) | [YOUTUBE](#) | [FACEBOOK](#)

CRISIL PRIVACY NOTICE

CRISIL respects your privacy. We may use your contact information, such as your name, address and email id to fulfil your request and service your account and to provide you with additional information from CRISIL. For further information on CRISIL's privacy policy please visit www.crisil.com.

DISCLAIMER

This disclaimer is part of and applies to each credit rating report and/or credit rating rationale (?report?) that is provided by CRISIL Ratings Limited (?CRISIL Ratings?). To avoid doubt, the term ?report? includes the information, ratings and other content forming part of the report. The report is intended for the jurisdiction of India only. This report does not constitute an offer of services. Without limiting the generality of the foregoing, nothing in the report is to be construed as CRISIL Ratings providing or intending to provide any services in jurisdictions where CRISIL Ratings does not have the necessary licenses and/or registration to carry out its business activities referred to above. Access or use of this report does not create a client relationship between CRISIL Ratings and the user.

We are not aware that any user intends to rely on the report or of the manner in which a user intends to use the report. In preparing our report we have not taken into consideration the objectives or particular needs of any particular user. It is made abundantly clear that the report is not intended to and does not constitute an investment advice. The report is not an offer to sell or an offer to purchase or subscribe for any investment in any securities, instruments, facilities or solicitation of any kind to enter into any deal or transaction with the entity to which the report pertains. The report should not be the sole or primary basis for any investment decision within the meaning of any law or regulation (including the laws and regulations applicable in the US).

Ratings from CRISIL Ratings are statements of opinion as of the date they are expressed and not statements of fact or recommendations to purchase, hold or sell any securities/instruments or to make any investment decisions. Any opinions expressed here are in good faith, are subject to change without notice, and are only current as of the stated date of their issue. CRISIL Ratings assumes no obligation to update its opinions following publication in any form or format although CRISIL Ratings may disseminate its opinions and analysis. The rating contained in the report is not a substitute for the skill, judgment

and experience of the user, its management, employees, advisors and/or clients when making investment or other business decisions. The recipients of the report should rely on their own judgment and take their own professional advice before acting on the report in any way. CRISIL Ratings or its associates may have other commercial transactions with the entity to which the report pertains.

Neither CRISIL Ratings nor its affiliates, third-party providers, as well as their directors, officers, shareholders, employees or agents (collectively, "CRISIL Ratings Parties") guarantee the accuracy, completeness or adequacy of the report, and no CRISIL Ratings Party shall have any liability for any errors, omissions or interruptions therein, regardless of the cause, or for the results obtained from the use of any part of the report. EACH CRISIL RATINGS PARTY DISCLAIMS ANY AND ALL EXPRESS OR IMPLIED WARRANTIES, INCLUDING BUT NOT LIMITED TO ANY WARRANTIES OF MERCHANTABILITY, SUITABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR USE. In no event shall any CRISIL Ratings Party be liable to any party for any direct, indirect, incidental, exemplary, compensatory, punitive, special or consequential damages, costs, expenses, legal fees or losses (including, without limitation, lost income or lost profits and opportunity costs) in connection with any use of any part of the report even if advised of the possibility of such damages.

CRISIL Ratings may receive compensation for its ratings and certain credit-related analyses, normally from issuers or underwriters of the instruments, facilities, securities or from obligors. Public ratings and analysis by CRISIL Ratings, as are required to be disclosed under the regulations of the Securities and Exchange Board of India (and other applicable regulations, if any), are made available on its website, www.crisilratings.com (free of charge). Reports with more detail and additional information may be available for subscription at a fee. More details about ratings by CRISIL Ratings are available here: www.crisilratings.com.

CRISIL Ratings and its affiliates do not act as a fiduciary. While CRISIL Ratings has obtained information from sources it believes to be reliable, CRISIL Ratings does not perform an audit and undertakes no duty of due diligence or independent verification of any information it receives and/or relies on in its reports. CRISIL Ratings has established policies and procedures to maintain the confidentiality of certain non-public information received in connection with each analytical process. CRISIL Ratings has in place a ratings code of conduct and policies for managing conflict of interest. For details please refer to: <https://www.crisil.com/en/home/our-businesses/ratings/regulatory-disclosures/highlighted-policies.html>.

Rating criteria by CRISIL Ratings are generally available without charge to the public on the CRISIL Ratings public website, www.crisilratings.com. For latest rating information on any instrument of any company rated by CRISIL Ratings, you may contact the CRISIL Ratings desk at crisilratingdesk@crisil.com, or at (0091) 1800 267 1301.

This report should not be reproduced or redistributed to any other person or in any form without prior written consent from CRISIL Ratings.

All rights reserved @ CRISIL Ratings Limited. CRISIL Ratings is a wholly owned subsidiary of CRISIL Limited.

CRISIL Ratings uses the prefix "PP-MLD" for the ratings of principal-protected market-linked debentures (PPMLD) with effect from November 1, 2011, to comply with the SEBI circular, "Guidelines for Issue and Listing of Structured Products/Market Linked Debentures". The revision in rating symbols for PPMLDs should not be construed as a change in the rating of the subject instrument. For details on CRISIL Ratings' use of 'PP-MLD' please refer to the notes to Rating scale for Debt Instruments and Structured Finance Instruments at the following link: <https://www.crisil.com/en/home/our-businesses/ratings/credit-ratings-scale.html>