



Issuer Rating Methodology

Overview

ICRA Nepal's Issuer Ratings seeks to provide an opinion on the fundamental creditworthiness of the rated entities in terms of their ability and willingness to service the debt obligations in a timely manner. An ICRA Nepal Issuer Rating does not seek to opinion on any particular debt obligation's creditworthiness but is rather an opinion on the general credit worthiness of the rated entity. This Rating gives the market participants an informed and objective opinion on the fundamental credit quality of companies that may or may not have concrete or immediate debt issuance plans.

A conventional Credit Rating, on the other hand, is assigned to a specific debt obligation of an issuer and is thus an opinion (expressed as a symbol) on the relative credit risk associated with that particular financial obligation.

To differentiate Issuer Ratings from its conventional issue-specific Credit Ratings (referred to here-in-after as "Issue Ratings"), ICRA Nepal prefixes the letters "ICRANP-IR" to its Issuer Rating symbols. Besides, the Issuer Rating definitions also specifically mention that the Ratings are not specific to any debt instruments issued by the rated entities. Refer Annex for ICRA Nepal's Issuer Rating definitions.

This rating methodology updates and supersedes ICRA Nepal's earlier methodology document on this subject, published in May 2013. While the revised version incorporates a few modifications, ICRA Nepal's overall approach to rating issuers remains materially similar.

Rating Methodology

ICRA Nepal's analytical framework for Issuer Ratings is broadly similar to that for its conventional Issue Ratings. The difference arises mainly from the fact that while an Issuer Rating is more akin to a general purpose "Corporate Credit Rating", an Issue Rating takes into account the terms of the specific debt being rated. This methodology note provides an overview of ICRA Nepal's general Rating methodology.

1.OVERVIEW OF ICRA NEPAL'S RATING METHODOLOGY

The methodology for assigning Credit Ratings entails a comprehensive evaluation of the risks that could impact an issuer's ability to generate cash flows. This risk analysis is complemented by a cash flow analysis that seeks to capture the adequacy of the issuer's projected cash flows vis-à-vis its debt servicing obligations. The risk analysis framework may be different from one industry/sector to another, for which specific industry/sector note may be referred. But the risk analysis framework in general may be depicted as follows:

ICRA Nepal's Credit Risk Assessment Framework

For analytical convenience, this document describes ICRA Nepal's methodology for rating corporate sector entities under four sections viz., Industry Risk Assessment, Business Risk Assessment, Financial Risk Assessment and Management Quality & Corporate Governance Assessment. In addition to these considerations, an entity's credit rating may also be influenced by its ownership, the nature of linkages with its parent or group entities, the corporate legal structure, degree of financial flexibility, track record of operations and debt servicing and vulnerability (if any) to discrete event risks.

Credit Risk Categorization

Industry Risk	Business Risk	Financial Risk	Management Risk
» Growth Prospects	» Relative Scale	» Profitability	» Quality of Management
» Cyclicity	» Competitive Position	» Leverage	» Financial Policies
» Competitive Intensity	» Diversification	» Coverage	» Governance Structure
» Regulatory Risk	» Operating Efficiency	» Cash Flows & Liquidity	and Practices
	» Project Risks		

Industry Risk Assessment

The industry in which an entity operates provides an overarching context to its riskiness. Two entities may have different credit ratings if they operate in industries that have dissimilar risk characteristics, despite having similar risk profiles in all other respects. As an example, an education institute is less prone to the vicissitudes of demand volatility, vicious competition and intrusive regulations compared with a sugar mill, implying that the former would generally be on a better foothold than the latter, *ceteris paribus*, to timely service an equivalent volume of debt. The riskiness of an industry is largely governed by the following subfactors:

Growth Prospects

Entities that operate in industries experiencing high growth, benefit from an expansion in their earnings and returns at a rate faster than entities operating in industries that may be in a low growth phase or on a declining curve. A high growth industry, however, is not an unqualified promise of low credit risk. While an emerging industry like e-commerce offers the lure of high growth, it is replete with the threats of fickle consumer acceptability, intense price-based competition and the uncertainty around efficient management of human and economic capital. In a separate vein, road annuity projects or gas transmission utilities are typically low growth industries, yet have other low credit risk attributes. Overall, while ICRA Nepal favourably considers the presence of an entity in a high growth industry, the virtues of growth are not assessed in isolation. Rather, these are assessed against the backdrop of other aspects including the sustainability of long-term growth and the sources of volatility.

Cyclicity

Cyclical industries could be grouped into two categories—one, whose fortunes depend on how well the economy is doing (like real estate, shipping or automobiles); and two, whose performance is linked to the level of and the volatility in commodity prices (like ferrous metals, oil or agro-commodities). For entities in cyclical industries, the shifts in economic and commodity price cycles could significantly jeopardize the debt servicing ability. Compared with stable industries, cyclical industries have lower tolerance for financial and operating leverage as adverse swings in revenues and profits heighten the probability of default. The deleterious impact of demand cyclicity is even more pronounced for industries that have a long gestation period for setting up new capacity. This is because of the difficulty in predicting well the timing, severity and duration of a cyclical downturn. It may happen that by the time new capacity is set to become operational (*the capital expenditure having been initiated at the peak of the cycle*), after a long execution period, the up-cycle may well be at the fringe of a reversal. Overall, ICRA Nepal favourably considers entities operating in industries that have stable demand and realisation patterns, as opposed to entities operating in industries that are cyclical, all other things being equal.

Competitive Intensity

The more intense the competition is in a given industry, the less likely would be the industry participants' ability to grow revenues and profits. Even if such an industry per se may have strong growth prospects, the industry players may not be able to retain the bounty of profits with themselves, but rather be constrained to fully pass on or share the benefits with their consumers. Competitive intensity in a given

industry would generally be high if a combination of the following factors is at work: high industry fragmentation, similarity in market share of prominent players, low entry barriers, high exit barriers, commodity nature of product or service, low customer switching costs, or excess production capacity. Competitive intensity in a given industry may also change over time as entrenched players demonstrate collective change in product pricing strategies. Regulatory actions could also alter the level of competitive intensity in an industry.

Regulatory Risk

Regulatory intervention in various industries manifests in multiple forms, including the level of taxation, duties and subsidies, price controls, supply controls, import/ export restrictions or outright bans. The intention of increased regulatory activism has ranged from ensuring better consumer protection (*price control of essential drugs*), promoting fair competition (*settling the debate on net neutrality*), improving the industry structure (*cable digitisation*), controlling systemic risks (*restricting gold imports*), protecting the environment (*banning of cars with higher capacity diesel engines in the National Capital Region*), protecting the domestic industry (*anti-dumping duty on steel*) to meeting socio-political objectives (*ban on liquor sales in various states*).

While evaluating the exposure of an industry to regulatory risks, ICRA Nepal evaluates whether the government's role is restricted to that of a facilitator or does the government exercise control over many facets of the industry. Also assessed is the extent of susceptibility of an industry's competitiveness to the government's policies with regard to subsidies, taxation and import-export restrictions and duties. In addition to local or national regulations, heed is also paid to the changes in international regulations and policies that could have ramifications for an industry's participants.

Business Risk Assessment

The presence of an entity in a low risk industry can support its credit profile, but only so much. It is an entity's own business position that remains one of the primary drivers of credit risk¹. The strength of an entity's business position in turn is a function of its scale and scope of operations, competitive position in its addressable market, diversity in terms of customers, products, geography and asset base, besides efficiency demonstrated with regard to operations, use of working capital and deployment of fixed capital. How ICRA Nepal evaluates each of these sub-factors is described below:

Relative Scale

Larger scale is a reflection of having executed an act many times with success. A large scale is generally a reflection of a strong market position, operating and financial flexibility and staying power; and is also a driver of operational efficiency. An entity's scale in relation to its competitors can determine its ability to influence business trends and pricing within the industry. There could be various measures of an entity's scale including revenues, asset base, net worth or capital employed. While entities could be compared with each other on the basis of revenues, such a comparison may not be meaningful if it is done among entities belonging to different industries. Hence, while assessing an entity on the scale parameter, ICRA Nepal evaluates the same in relation to the peers of the entity in its addressable market segment.

Competitive Position

The competitive position of an entity determines the sustainability or fragility of its business model. For evaluating the competitive position of an entity, ICRA Nepal analyses the source of such competitiveness— whether it draws from a strong brand, a wide distribution network, a favourable location, deep customer relationships, superior technology, a cheaper access to raw materials or any other differentiating factor. A solid competitive position leads to superior profitability and higher cash flows, thus lowering credit risks.

In case competitive advantage draws from a strong brand, ICRA Nepal assesses whether the entity concerned runs the risk of losing its position over time as competitors duplicate its methods or develop

¹ Although this could in turn be constrained by a risky industry character

better propositions. In determining the competitive position of an entity in a commodity business, ICRA Nepal focuses on the comparative cost structure and other possible differentiating factors like distribution network and customer relationships. Even as cost leadership holds greater importance than branding in commodity businesses, bigger players in such businesses are increasingly seen to be making efforts towards creating brands, particularly in the Business-to-Consumer (B2C) space. From a credit perspective, such strategies are viewed positively only if these are expected to build a durable competitive advantage and not run the risk of being ably imitated by key competitors, obviating the case to differentiate.

Diversification

Diversification is an effective antidote for businesses to deal with cash flow volatility or the risk of possible disruption. Apart from increasing the odds of survival, diversification also often acts as a strategic lever to spur business growth. However, diversification also has a downside to it as it could diffuse management focus or become a cause for below par returns. Overall, adequate diversification, whether in the form of customer diversification, geographic diversification or product diversification, imparts greater long-term stability to earnings and cash flows of an entity.

Customer Diversification: An adequate degree of customer diversification reduces an entity's vulnerability to (i) variability in demand associated with a select few customers, and (ii) disruption in the business of a single customer. Entities engaged in B2C businesses, by structure, enjoy a greater degree of customer diversification. While this may not be so for entities involved in B2B businesses, this risk could get largely mitigated if the individual customers are fundamentally strong and have resilient business ties with the entity. While evaluating an entity on the customer diversification parameter, ICRA Nepal does so in the context of the entity's business model—whether B2C or B2B—and factors in the interplay between customer diversification and customer quality.

Geographic Diversification: An adequate degree of geographical diversification reduces an entity's vulnerability to (i) variability in demand in a single region, and (ii) demand disruptions caused by force majeure events or adverse regulatory actions in a single geography. One of the lesser emphasised merit of dealing with customers across multiple geographies, say domestic and overseas, is that it likely pushes entities to adopt the best practices in the areas of production, engineering, quality control and so on, and in the process improve their overall competitiveness. On the flip side though, a multiple country business profile exposes an entity to currency risks. It could be argued that an entity that is concentrated towards a high growth single geography is better off than an entity that though diversified geographically, faces demand weakness in select geographies. However, ICRA Nepal does not view the latter negatively as a geographically diversified entity is more likely to demonstrate a balanced performance over a longer time horizon, even if there are intervening periods of lower average growth.

Product Diversification: Diversification into new product or service lines is often an essential part of an entity's growth and risk mitigation strategy. Such diversification could be aimed at selling a larger variety of products to the same set of customers (aimed at increasing the 'share of wallet') or towards expanding the breadth of products so as to target new customer segments, or towards extending the existing strong brand to enter into altogether new product segments. ICRA Nepal favourably considers entities that have a more comprehensive range of products or services among the peers and thereby derive revenues and profits from a broader set of offerings than the industry average. However, not much comfort is derived by ICRA Nepal overall if only the array of products is wider with all or most of the products exhibiting a weak competitive position.

Supplier Concentration: Consider an entity that has dependence on a single supplier for any of the raw materials or any factor of production. In case of operational disruption at the supplier's end, the rated entity may not be able to develop an alternate source in quick time and hence faces the risk of disruption in its own business. Thus, while assessing supplier concentration risk, ICRA Nepal endeavours to understand the fault lines in an entity's supply chain.

Operating Efficiency

A high cost producer could be rendered uncompetitive and go out of business if demand falls, because low cost producers could be more price competitive. It is in this context that operating efficiency holds

relevance with entities that enjoy a lower per unit variable cost of production and have a lower fixed cost base being relatively better positioned to weather pricing pressures and demand slowdown. This parameter has greater significance in the commodity businesses, where the low cost of production is among the key drivers of competitiveness. The variable cost of production of an entity could be influenced by the source of raw materials, pricing arrangements with suppliers, throughput ratios, rejection rates and energy consumption etc. Likewise, the fixed cost base of an entity could be influenced by the type of technology used, vintage of machines, level of backward or forward integration and the interest servicing burden etc.

ICRA Nepal assesses an entity's operating efficiency by undertaking an analysis of the above elements.

Project Risks

In addition to the above risk factors, a project entity or an entity undertaking a large-sized project capital expenditure (capex) is exposed to other risks, including cost and time over-runs. To ascertain project risks, ICRA Nepal endeavours to understand the entity's rationale for undertaking new investments. The risk profile could be different depending on whether the new project is a case of related diversification or an unrelated diversification. The other factors that are assessed include: (i) track record of the management in project implementation; (ii) experience and quality of the project implementation team; (iii) experience and track record of the contractor and technology/equipment supplier; (iv) extent to which the capital cost is competitive; (v) financing arrangements in place; (vi) raw material linkages; (vii) demand outlook; (viii) competitive environment; and (ix) marketing arrangement and plans. Significantly, the impact of project risk on the rating depends on the scale of projects in relation to the size of assets and cash flows of the entity's existing operations.

Financial Risk Assessment

ICRA Nepal analyses long period past financial performance trends as well as makes estimates of future financial performance to assess the financial risk exposure of an entity. The financial metrics provide a useful reference not only to evaluate the performance trends of an entity over a given time period, but also enable a comparison with peers. The various financial metrics assessed by ICRA Nepal could be divided into four categories viz., Profitability, Leverage, Coverage and Liquidity. This document provides a brief summary of these ratios.

Profitability

Profitability is a measure of the earnings generated by an entity in a given time period in relation to the resources deployed. Profitability could be influenced by multiple factors, including those that are firm specific or those that are related to the industry, economy or regulations. A consistent track record of higher profitability shown by an entity compared with its peers is a reflection of a superior competitive position emanating from one or more factors, including greater brand strength, better distribution reach, attractive product profile, technological superiority or higher cost efficiency (*operating or capital*). Entities with higher profitability have better resilience to economic downturns and are more likely to generate adequate internal resources for re-investment and debt servicing, as also attract fresh capital.

The various ratios which are typically used by ICRA Nepal to analyse an entity's profitability are:

Ratio	Computation
Operating Profit Margin	(Operating Profit) / (Operating Income)
Net Profit Margin	(Net Profit after Tax) / (Operating Income)
Return on Capital Employed	(Profit before Interest and Tax) / (Average Capital Employed)

Operating Income = Revenues from Operations (net of excise duty)

Operating Profit = Profit before Depreciation, Amortization, Interest, Tax and Non-Operating or Non Recurring Income and Expense

Capital Employed = Total Debt + Net Worth + Deferred Tax Liability – Capital Work in Progress – Capital Advances

Leverage

Financial leverage is a measure of an entity's dependence on borrowed funds. Lower the dependence on borrowings, the lower (better) the leverage. When an entity borrows, it is obligated to pay both interest as well as principal to the lenders as per a defined schedule. This pushes up the fixed cost burden on the borrowing entity and in the limiting case, increases the default risk. While high leverage may mean high risk from a credit perspective, it is an oft-adopted course by shareholder-oriented managements, given that high leverage, in good times, leads to high returns on equity capital. An entity's financial leverage could thus be a function of its management's financial policy and risk tolerance, besides being a point-in-time reflection of an entity's business and financial choices. An entity with lower leverage is better equipped to withstand volatility in cash flow generation in situations of economic downturn, competitive challenges, unexpected costs, changing consumer preferences, or regulatory changes.

The various ratios which are typically used by ICRA Nepal to analyse an entity's financial leverage are:

Ratio	Computation
Gearing	(Total Debt) / (Tangible Net Worth)
Total Indebtedness Ratio	(Total Outside Liabilities) / (Tangible Net Worth)
Debt to Profit Ratio	(Total Debt) / (Operating Profit)
Accruals to Debt Ratio	(Net Cash Accruals) / (Total Debt)

Total Debt = Long-Term and Short-Term Debt (including subordinated debt) + Off-Balance Sheet Liabilities (such as receivables discounted) + Preference Shares[^] + Optionally Convertible Debentures[^]

Shareholder's Funds or Tangible Net Worth = Net Worth - Revaluation Reserves - Net Intangibles - Miscellaneous Expenditure not Written-off + Minority Interest + Compulsorily Convertible Debt + Share Application Money + Preference Shares[^] + Optionally Convertible Debentures[^]

Total Outside Liabilities = Total Debt + All Long-Term and Short-Term External Liabilities such as Deferred

Tax Liability, Creditors and Operating or Non-Operating Liabilities

Net Cash Accruals = Net Profit after Tax + Depreciation – Dividend on Preference and Equity Shares

[^] *As part of ICRA Nepal's internal adjustments based on the maturity period, coupon rate and priority of claims associated with individual instruments, appropriate equity credit is given to hybrid instruments such as Preference Shares and Optionally Convertible Debentures*

Coverage

Coverage is a measure of an entity's debt-servicing ability and is calculated as the ratio of profits (or cash flows) to the debt servicing obligations in a given time period. Higher is the ratio, higher the cushion available with an entity to withstand variability in profits (or cash flows), for making good its financial obligations. Coverage is a function of an entity's profits, leverage and debt characteristics (in terms of cost of debt and repayment schedule). Entities with higher profitability and lower leverage will generally have better coverage ratios and thereby healthier financial risk profiles. However, there may be exceptions to this such as in project funding structures for long-dated assets like road projects or power projects where the loan tenures are typically long. In such cases, even as profits may be small in the initial years and leverage ratios may appear onerous, the fact that the long-term debt contracted may have a sufficiently long period of moratorium (*and interest payout during the construction phase may also be funded through the project debt*) along with a ballooning and a spread-out repayment schedule, the coverage ratios may not be as weak.

The various ratios which are typically used to analyse an entity's coverage metrics are:

Ratio	Computation
Interest Coverage Ratio	(Operating Profit) / (Gross Interest expense)
Debt Service Coverage Ratio	(Net Profit After Tax + Gross Interest + Depreciation) / (Gross Interest + Repayment + Dividend on Preference Shares)

Liquidity and Cash Flows

Liquidity is the measure of an entity's ability to meet its short-term cash obligations from various internal or external resources. Internal resources include cash generated from operations, unencumbered cash and liquid investments on balance sheet or cash generated through asset monetisation. External resources include undrawn lines of credit or equity capital. The short-term obligations include operating liabilities such as salary payable and sundry expenses, margin required to undertake capex or fund incremental working capital requirements, investment commitments and debt servicing obligations. Higher the cushion available between the resources available and the obligations, better the liquidity profile of an entity. In addition to the adequacy of internal and external resources, the liquidity profile is also driven by the vulnerability of an entity to timely refinancing / renewal of short-term sources of funding. ICRA Nepal also notes that the liquidity available with an entity may be for a temporary period and hence an entity's overall policy towards maintaining adequate liquidity (given the trade-off between returns and liquidity) is accorded due importance in the analytical approach.

The various ratios which are typically used to analyse an entity's liquidity are:

Ratio	Computation
Current Ratio	(Current Assets) / (Current Liabilities)
Gross Cash Conversion Cycle	Debtor Days + Inventory Days
Working Capital Cycle	Debtor Days + Inventory Days – Payable Days
Working Capital Intensity	(Net Working Capital) / (Operating Income)

Current Assets = Cash + Inventory + Debtors + Other Operating and Non-Operating Current Assets

Current Liabilities = Current Portion of Long-Term Debt + Short-Term Debt (including Working Capital Debt) + Creditors + Other Operating and Non-Operating Current Liabilities

Net Working Capital = (Current Assets – Cash) – (Current Liabilities – Current Portion of Long-Term Debt – Short-Term Debt – Capital Creditors)

Cash Flows

It is cash that is required to service obligations. A cash flow statement reflects the sources from which cash is generated and its deployment. Analysed here are the trends in an entity's Funds Flows from Operations after adjusting for working capital changes, the Retained Cash Flows, and the Free Cash Flows after meeting debt repayment obligations and capital expenditure needs. The cash flow analysis helps in understanding the external funding requirements that an entity has, to meet its maturing obligations.

The various cash flow measures assessed by ICRA Nepal are:

Cash flow measures	Computation
Fund Flows from Operations (FFO)	Operating Cash Flows less Operating Working Capital Changes
Gross Cash Flows (GCF)	FFO plus Non-Operating Income less Non-Operating Working Capital Changes
Retained Cash Flows (RCF)	GCF less Dividends Paid
Cash flow measures	Computation
Free Cash Flows (FCF)	RCF less Capital Expenditure
Cash Cover Ratio	Ratio of Free Cash Flows to obligations

Other Elements of Credit Risk Assessment

Foreign currency-related risks: Such risks arise if an entity's primary costs and revenues are denominated in different currencies. Examples in this regard would include entities selling in the

domestic market but having large imports, or export-oriented units operating largely as per the domestic cost structure. Foreign currency risk could also arise from un-hedged liabilities, especially for entities earning most of their revenues in the local currency. ICRA Nepal's analytical focus here is on assessing the hedging policy of the entity concerned in the context of the tenure and the nature of its contracts with its customers (*short term/ long term, fixed price/ variable price*).

Tenure mismatches, and risks relating to interest rates and refinancing: Large dependence on short term borrowings to fund-long term investments can expose an entity to significant re-financing risks, especially during periods of tight liquidity. The existence of adequate buffers of liquid assets/ bank lines to meet short-term obligations is viewed positively. Similarly, the extent to which an entity would be impacted by movements in interest rates is also evaluated.

Accounting quality: Here, the Accounting Policies, Notes to Accounts and Auditors' Comments that are part of the Annual Report are reviewed. Any deviation from the Generally Accepted Accounting Practices is noted and the financial statements of the entity are adjusted to reflect the impact of such deviations.

Contingent liabilities/ Off-balance sheet exposures: For this, the likelihood of devolvement of contingent liabilities/ off-balance sheet exposures and the financial implications of the same are evaluated.

Financial flexibility: An entity's financial flexibility as reflected by its un-utilised bank/ credit limits, liquid investments, and the nature of its relationship with banks, financial institutions and other intermediaries. Financial flexibility could also emanate from other factors such as the entity's large scale operations with strong financials, large unencumbered cash flows (such as rental income, annuity payments in road projects) or unencumbered assets/ flexibility to borrow against existing assets, or the entity's strong parentage or linkages with a strong group.

Management Quality & Corporate Governance Assessment

In addition to the industry, business and financial risk analysis, all credit ratings incorporate an assessment of the quality of the rated entity's management, the financial policies and the governance practices.

Quality of Management; and Financial Policies

As part of its process, ICRA undertakes discussions with the rated entity's management to understand its views on past performance as well as its future plans and strategies and the outlook on the industry. Some of the points assessed are:

- » Experience of the promoter/ management in the industry
- » Commitment of the promoter/ management to the rated entity
- » Risk appetite of the promoter/ management and risk mitigation plans
- » Policies on leveraging, managing interest rate risks and currency risks
- » Management's past success in introducing new projects and managing changes in the external environment
- » Management's plans on new projects, acquisitions and expansions
- » Track record of balancing the interests of shareholders, creditors and other stakeholders

Periodic interactions with the management help in ascertaining the shifts, if any, in their financial policies.

Governance Practices

Corporate governance remains a complex and an evolving subject and from a risk perspective tends to hold as high an importance as an entity's business strategy. A sound corporate governance structure attempts to make clear the distinction of power and responsibilities between the Board of Directors and

the management. The constitution of an entity's Board and the Board of Directors' participation in strategy formulation, besides the entity's adherence to legal and statutory compliance requirements are factored in during credit assessments. ICRA Nepal seeks to gain a qualitative understanding of an entity's commitment to following transparent and credible practices by the way its financial statements are reported, their level of disclosures, consistency in communication and the openness with regard to sharing information during the credit rating exercise. Also assessed are an entity's related party transactions, instances of supporting group entities at the expense of debt holders and executive compensation packages.

Summing Up

ICRA Nepal's credit ratings are a symbolic representation of its opinion on the relative credit risk associated with the issuer being rated. This opinion is arrived at following a detailed evaluation of the rated entity's industry, business and financial risks, its likely cash flows and the adequacy of such cash flows vis-à-vis the debt servicing obligations and other funding requirements. ICRA Nepal's rating approach also involves making an assessment of the entity's management quality and governance practices. In addition to these considerations, an entity's credit rating may also be influenced by its ownership, the nature of linkages with its parent or group entities, degree of financial flexibility, the corporate legal structure, track record of operations and that of debt servicing, and vulnerability (if any) to discrete event risks.

ICRA Nepal's Issuer Ratings Scale and Definitions

An Issuer Rating is an opinion on the general creditworthiness of the rated issuer and is not specific to any particular debt instrument. With effect from April 15, 2019, ICRA Nepal has aligned the Issuer Rating Scale with the Long-Term Rating Scale. The aforesaid change in the rating scale is not to be construed as a change in the rating.

[ICRANP-IR] AAA	Issuers with this rating are considered to have the highest degree of safety regarding timely servicing of financial obligations. Such issuers carry lowest credit risk.
[ICRANP-IR] AA	Issuers with this rating are considered to have high degree of safety regarding timely servicing of financial obligations. Such issuers carry very low credit risk.
[ICRANP-IR] A	Issuers with this rating are considered to have adequate degree of safety regarding timely servicing of financial obligations. Such issuers carry low credit risk.
[ICRANP-IR] BBB	Issuers with this rating are considered to have moderate degree of safety regarding timely servicing of financial obligations. Such issuers carry moderate credit risk.
[ICRANP-IR] BB	Issuers with this Rating are considered to have moderate risk of default regarding timely servicing of financial obligations.
[ICRANP-IR] B	Issuers with this Rating are considered to have high risk of default regarding timely servicing of financial obligations.
[ICRANP-IR] C	Issuers with this Rating are considered to have very high risk of default regarding timely servicing of financial obligations.
[ICRANP-IR] D	Issuers with this Rating are in default or are expected to be in default soon.

Note:

For the Rating categories [ICRANP-IR] AA through to [ICRANP-IR] C the sign of + (plus) or – (minus) may be appended to the Rating symbols to indicate their relative position within the Rating categories concerned. Thus the Rating of [ICRANP-IR] AA+ is one notch higher than [ICRANP-IR] AA, while [ICRANP-IR] AA- is one notch lower than [ICRANP-IR] AA.

** Adopted and modified from ICRA Limited's Corporate Credit Rating Methodology*



ICRA Nepal Limited

Subsidiary of ICRA Limited (A Moody's Investors Service Company)

CORPORATE OFFICE

6th Floor Sunrise Bizz Park, Dillibazar, Kathmandu, Nepal

Phone:

Email: info@icranepal.com

Website: www.icranepal.com

All Rights Reserved.

Contents may be used freely with due acknowledgement to ICRA Nepal.

All information contained herein has been obtained by ICRA Nepal from sources believed by it to be accurate and reliable. Although reasonable care has been taken to ensure that the information herein is true, such information is provided 'as is' without any warranty of any kind, and ICRA Nepal in particular, makes no representation or warranty, express or implied, as to the accuracy, timeliness or completeness of any such information. Also, ICRA Nepal or any of its group companies, while publishing or otherwise disseminating other reports may have presented data, analyses and/or opinions that may be inconsistent with the data, analyses and/or opinions presented in this publication. All information contained herein must be construed solely as statements of opinion, and ICRA Nepal shall not be liable for any losses incurred by users from any use of this publication or its contents.