



The Pakistan Credit Rating Agency Limited

## Rating Report

### Ghandhara Nissan Limited

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#### Rating History

Dissemination Date	Long Term Rating	Short Term Rating	Outlook	Action	Rating Watch
21-Oct-2022	A	A1	Stable	Maintain	-
22-Oct-2021	A	A1	Stable	Maintain	-
05-Nov-2020	A	A1	Stable	Maintain	-
13-Dec-2019	A	A1	Stable	Maintain	-
13-Jun-2019	A	A1	Stable	Maintain	-
12-Dec-2018	A	A1	Stable	Maintain	-
30-Jun-2018	A	A1	Stable	Maintain	-
29-Dec-2017	A	A1	Stable	Initial	-

#### Rating Rationale and Key Rating Drivers

Ghandhara Nissan Limited ('GNL' or 'the Company') ratings reflect adequate business profile and accepted presence in the automobile sector of Pakistan. GNL holds connections with renowned multinational automobile manufacturers like JAC Motors, Dongfeng Motor Corporation, Groupe Renault, and recently with Chery International. The Company has solidified its position in the market through assembling & progressive manufacturing of JAC trucks & Chery SUVs, import & sale of Dongfeng and Renault trucks in complete built-up units, and assembly of other commercial MVs under contract agreements with Ghandhara Industries Limited and Ghandhara DF (Pvt.) Limited. The year FY2022 was a 'ballooning period' for the sector as the automobile sales and production accelerated. The buying interest among consumers started to revive after the pandemic crises as trucks sales soared by 57%, followed by 49% in jeeps & pickups, and 7% in buses. The Company managed to translate the same in its topline and achieved a significant growth of 66% at end Jun'22. Augmentation of Company's net revenue figure captures the overall performance of the industry and posted a healthy recovery. However, GNL's profitability matrix for the period under review is affected by increased cost of doing business (high raw material prices). Further, it is gauged that recent macroeconomic challenges; such as exchange rate volatility, inflationary pressure, policy hikes, contractionary policies, and domestic market fluctuations would lead to increase in cost of imported parts that could squeeze the sector's margins. Financial risk profile of the GNL is considered intricate as both the cash flows and debt coverage metrics witnessed deterioration driven by increase in total debt book and low margins. Nevertheless, the Company funded its expansion for assembling & distribution of Chery vehicles (launch of Tiggo 4 Pro & Tiggo 8 Pro in domestic market) by means of debt availed at concessionary rates under SBP's TERF scheme. The amount of leverage in the Company's capital structure stands at moderate levels. GNL possesses competitive edge, high brand value, and solid sponsorship support. Majority ownership of the Company is held by Bibojee Group of Companies. Their business acumen is further enriched by the group's stake in the Country's leading tyre manufacturing entity.

The ratings are dependent on upholding of the Company's business as well as financial risk profile amidst current challenges faced by the automobile & allied industry. Improvement in margins and intact coverages are imperative. Key element is Company's stance on working capital management. Moreover, management's ability to sustain its market share during the demand crunch is quite crucial.

#### Disclosure

<b>Name of Rated Entity</b>	Ghandhara Nissan Limited
<b>Type of Relationship</b>	Solicited
<b>Purpose of the Rating</b>	Entity Rating
<b>Applicable Criteria</b>	Methodology   Corporate Rating(Jun-22),Methodology   Correlation Between Long-term & Short-term Rating Scales(Jun-22),Methodology   Rating Modifiers(Jun-22)
<b>Related Research</b>	Sector Study   Trucks & Buses(Dec-21)
<b>Rating Analysts</b>	Sohail Ahmed Qureshi   sohail.ahmed@pacra.com   +92-42-35869504

## Profile

**Legal Structure** Ghandhara Nissan Limited (hereinafter referred as 'GNL' or 'the Company') is a public listed entity with a free float of ~35% shares as to date Oct'22. It got listed on Karachi Stock Exchange (now 'Pakistan Stock Exchange') in 1992.

**Background** Ghandhara Nissan Limited was incorporated on August 8, 1981 as a private limited entity and was subsequently converted into a public limited company on May 24, 1992. The Company is a subsidiary of "Bibojee Services (Private) Limited".

**Operations** The principal business of GNL is assembly/progressive manufacturing of vehicles including JAC Trucks & Chery SUVs, import & sale of parts/Nissan, Dongfeng & Renault vehicles in CBU condition, and assembly of other vehicles under contract agreement. The Company has a capacity to manufacture ~4,800 units of trucks & buses & ~6,000 cars on a single shift basis. Its registered office is situated in Karachi while its manufacturing facilities are located at Port Qasim.

## Ownership

**Ownership Structure** Bibojee Services (Private) Limited directly owns ~58% stake in the Company. Other shareholders include General Public (~25%), Banks (~2%), Insurance Companies (~1.1%) while remaining (~15%) is held by DFIs, NBFIs & others.

**Stability** Bibojee Group of Companies, representing a family with history of entrepreneurship spanning over four decades. The group operates through holding company name 'Bibojee Services (Private) Limited' denotes formal structure of the group, given platform for relatively smooth execution of succession matters among family members.

**Business Acumen** Bibojee Services (Pvt.) Limited is the holding entity of group companies under whose umbrella comes Automobile Companies, Textile, Insurance, Construction & Tyre manufacturing concerns. Bibojee's group understanding of the business is strong.

**Financial Strength** Bibojee Services (Pvt.) Limited has strategic stakes in companies from different sectors including Textile, Insurance, Automobile & Construction. Hence, the financial strength of the group is considered strong.

## Governance

**Board Structure** The overall control of the Company vests in ten members board of directors. The board structure comprises six non-executive directors, three independent directors, and one executive director.

**Members' Profile** Board members are professionals with experiences of managing business affairs in different sectors. After the death of Mr. Raza Kuli Khan Khattak, Mr. Lt. Gen. (Retd) Ali Kulli Khan Khattak is the Chairman of the Board. He holds diverse experience in the Auto & Allied sector, which brings specialized and comprehensive knowledge on the board.

**Board Effectiveness** In line with the guidelines of Code of Corporate Governance, the Board has formed two sub-committees – (i) HR & Remuneration Committee and (ii) Audit Committee. Both committees are being headed by independent directors and consist of 5 members each. Attendance in the meetings held during FY22 was good.

**Financial Transparency** An effective Internal Audit department reporting to the Audit Committee is in place. M/s. ShineWing Hameed Chaudhari & Company, a QCR rated firm, has expressed unmodified opinion on the financial statements of the Company for financial period ending June 30, 2022.

## Management

**Organizational Structure** The organizational structure of the Company is broadly divided into various functional departments and all the HODs report to CEO. Major departments include (i) Finance, (ii) HR & Admin (iii) Quality Control (iv) Sales & Marketing and (v) Plant Operations.

**Management Team** The Company's management comprises qualified professionals with a wide range of skills and diversified experience. Mr. Ahmed Kuli Khan is the CEO of the Company. He is an experienced professional in the Auto & Allied industry, and is assisted by able management team.

**Effectiveness** Every department head is responsible to manage the affairs of their departments. Clearly defined rules & responsibilities in organization add to the effectiveness of the business structure.

**MIS** GNL has implemented Sidat Hyder Financial Business software package. The Company has regular update and technical support agreement with the vendor.

**Control Environment** The corporate structure of the Company is diverged into various departments each having an effective Internal Control System. Robust MIS to assist reporting needs of management strengthens the control environment.

## Business Risk

**Industry Dynamics** Pakistan's Trucks & Buses sector is dominated by domestic players. Ghandhara Industries occupies the highest share in the industry followed by Master, Ghandhara Nissan, & HinoPak. According to PAMA numbers; 6,498 units of trucks & buses were sold during FY22 as compared to 4,347 units in FY21 representing growth of ~49% when compared with ~20% growth in FY21. The overall demand of the market revived post Global Pandemic Crises. However, currently, the overall industry is going through a recessionary phase owing to economic instability in the country backed by rising inflation, policy hikes, exchange rate volatility, and contractionary monetary & fiscal policies.

**Relative Position** GNL - a strong player in the industry, possessing adequate market share as at end Jun'22. Much of the trucks demand of the Company is generated through commercial customers, such as oil marketing companies. JAC X-200 trucks augmented the top-line of the Company during FY22. DongFeng trucks continues to be the major product line whereas Renault trucks are expected to bring further improvement to the revenue. Due to strong relationship with its customers, the Company is well poised to retain its market share.

**Revenues** The volumes in trucks and buses market improved, subsequently the Company managed to show growth in its revenue by 66.1% during FY22 when compared to significant growth at 94% during FY21 and negative growth of 30% during FY19. Revenue of the Company stood at PKR 5,359m in FY22 (FY21: PKR 3,226m). An increase in Company's annual turnover at end of FY22 is a function of better prices and more sales volume. Further, the revenue figure is also improved post launch of Chery Tiggo 4 Pro and Chery Tiggo 8 Pro in last two quarters of financial period ending June 30, 2022.

**Margins** Owing to unfavourable macroeconomic conditions, the profitability matrix of the Company had been effected. During FY22, the Company's gross profitability margin and net profitability margin were reduced to 7.7% and 1.9%, respectively at end of FY22 when compared with 10.7% and 4.1%, respectively during preceding year. The Company's bottom-line was clocked at PKR 101m in FY21 (FY20: PKR 131m).

**Sustainability** The overall economic outlook remains uncertain. However, the Company is keen to address the challenges of ever-changing market dynamics by bringing in right product mix in commercial vehicles segment while offering flexible payment terms to support the customers in this time of financial stress. GNL also entered into formal arrangements with M/s. Chery International Corporation - Wuhu, China for manufacturing & distribution of Chery passenger cars (SUVs/ Crossovers) and launched two versions of vehicles i.e., Chery Tiggo 4 and Chery Tiggo 8 in FY22.

## Financial Risk

**Working Capital** GNL's working capital requirement emanates from financing inventories and trade payables for which the Company relies on both internal cash flows as well as short-term borrowings. After global pandemic crises, GNL started to regain its financial position with improved working capital requirement as a result of more sales operations and timely recoveries from customers. Thus, net working capital days were reduced to ~107 days as at end Jun-21 (FY20: ~252 days). However, at end June-22, the Company's gross working capital days increased and stood at 140 days on back of increase in average days of inventory. Consequently, the net working capital cycle of the Company reduced to 106 days.

**Coverages** During FY22, the Company's FCFO figure drastically reduced owing to low profit-before-tax, increase interests cost, and more debt availed for the launch of Chery vehicles. GNL recorded FCFO of PKR 31m in as compared to PKR 208m in FY21. Consequently, the interest coverage and core-debt coverage ratios of the Company deteriorated to 2.2x and 0.1x, respectively in FY22 from 10.4x and 1.3x, respectively during last year.

**Capitalization** In FY22, GNL's total debt figure increased to PKR 1,261m mainly on back of increase in long-term borrowings amounting to PKR 889m, comprising 70.5% in total debt book. Hence, the gearing ratio was increased to ~17.1% at end June-22 (FY21: ~5.5%), still stand to be low-to-moderate.



Ghandhara Nissan Limited Trucks & Buses	Jun-22 12M	Jun-21 12M	Jun-20 12M	Jun-19 12M
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**A BALANCE SHEET**

1 Non-Current Assets	5,457	4,101	4,139	3,938
2 Investments	676	-	-	389
3 Related Party Exposure	1,021	773	786	875
4 Current Assets	6,044	2,426	1,977	1,895
<i>a Inventories</i>	2,731	688	902	1,070
<i>b Trade Receivables</i>	330	356	322	252
<b>5 Total Assets</b>	<b>13,198</b>	<b>7,300</b>	<b>6,902</b>	<b>7,098</b>
6 Current Liabilities	5,363	618	456	404
<i>a Trade Payables</i>	754	238	136	111
7 Borrowings	1,261	350	222	237
8 Related Party Exposure	-	-	-	-
9 Non-Current Liabilities	477	325	345	373
<b>10 Net Assets</b>	<b>6,097</b>	<b>6,008</b>	<b>5,879</b>	<b>6,084</b>
<b>11 Shareholders' Equity</b>	<b>6,097</b>	<b>6,008</b>	<b>5,879</b>	<b>6,084</b>

**B INCOME STATEMENT**

1 Sales	5,359	3,226	1,663	2,374
<i>a Cost of Good Sold</i>	(4,947)	(2,880)	(1,658)	(2,054)
<b>2 Gross Profit</b>	<b>412</b>	<b>346</b>	<b>5</b>	<b>320</b>
<i>a Operating Expenses</i>	(332)	(312)	(306)	(298)
<b>3 Operating Profit</b>	<b>80</b>	<b>34</b>	<b>(301)</b>	<b>22</b>
<i>a Non Operating Income or (Expense)</i>	196	105	149	55
<b>4 Profit or (Loss) before Interest and Tax</b>	<b>277</b>	<b>139</b>	<b>(152)</b>	<b>77</b>
<i>a Total Finance Cost</i>	(146)	(23)	(64)	(71)
<i>b Taxation</i>	(29)	15	9	(34)
<b>6 Net Income Or (Loss)</b>	<b>101</b>	<b>131</b>	<b>(207)</b>	<b>(29)</b>

**C CASH FLOW STATEMENT**

<i>a Free Cash Flows from Operations (FCFO)</i>	31	208	(232)	(55)
<i>b Net Cash from Operating Activities before Working Capital Changes</i>	(78)	182	(175)	(114)
<i>c Changes in Working Capital</i>	2,339	415	204	(749)
<b>1 Net Cash provided by Operating Activities</b>	<b>2,261</b>	<b>598</b>	<b>29</b>	<b>(863)</b>
<b>2 Net Cash (Used in) or Available From Investing Activities</b>	<b>(2,302)</b>	<b>13</b>	<b>212</b>	<b>(582)</b>
<b>3 Net Cash (Used in) or Available From Financing Activities</b>	<b>1,132</b>	<b>107</b>	<b>(80)</b>	<b>281</b>
<b>4 Net Cash generated or (Used) during the period</b>	<b>1,091</b>	<b>718</b>	<b>161</b>	<b>(1,165)</b>

**D RATIO ANALYSIS**

<b>1 Performance</b>				
<i>a Sales Growth (for the period)</i>	66.1%	94.0%	-29.9%	7.0%
<i>b Gross Profit Margin</i>	7.7%	10.7%	0.3%	13.5%
<i>c Net Profit Margin</i>	1.9%	4.1%	-12.4%	-1.2%
<i>d Cash Conversion Efficiency (FCFO adjusted for Working Capital/Sales)</i>	44.2%	19.3%	-1.7%	-33.9%
<i>e Return on Equity [ Net Profit Margin * Asset Turnover * (Total Assets/Sh</i>	1.7%	2.2%	-3.5%	-0.5%
<b>2 Working Capital Management</b>				
<i>a Gross Working Capital (Average Days)</i>	140	128	279	178
<i>b Net Working Capital (Average Days)</i>	106	107	252	149
<i>c Current Ratio (Current Assets / Current Liabilities)</i>	1.1	3.9	4.3	4.7
<b>3 Coverages</b>				
<i>a EBITDA / Finance Cost</i>	2.2	10.4	-2.0	2.7
<i>b FCFO / Finance Cost+CMLTB+Excess STB</i>	0.1	1.3	-2.1	-0.6
<i>c Debt Payback (Total Borrowings+Excess STB) / (FCFO-Finance Cost)</i>	-10.7	1.3	-0.6	-0.5
<b>4 Capital Structure</b>				
<i>a Total Borrowings / (Total Borrowings+Shareholders' Equity)</i>	17.1%	5.5%	3.6%	3.7%
<i>b Interest or Markup Payable (Days)</i>	96.1	105.0	71.8	121.5
<i>c Entity Average Borrowing Rate</i>	10.7%	6.4%	31.8%	27.1%

**Credit Rating**

Credit rating reflects forward-looking opinion on credit worthiness of underlying entity or instrument; more specifically it covers relative ability to honor financial obligations. The primary factor being captured on the rating scale is relative likelihood of default.

Scale	Long-term Rating Definition
AAA	<b>Highest credit quality.</b> Lowest expectation of credit risk. Indicate exceptionally strong capacity for timely payment of financial commitments
AA+	
AA	<b>Very high credit quality.</b> Very low expectation of credit risk. Indicate very strong capacity for timely payment of financial commitments. This capacity is not significantly vulnerable to foreseeable events.
AA-	
A+	
A	<b>High credit quality.</b> Low expectation of credit risk. The capacity for timely payment of financial commitments is considered strong. This capacity may, nevertheless, be vulnerable to changes in circumstances or in economic conditions.
A-	
BBB+	
BBB	<b>Good credit quality.</b> Currently a low expectation of credit risk. The capacity for timely payment of financial commitments is considered adequate, but adverse changes in circumstances and in economic conditions are more likely to impair this capacity.
BBB-	
BB+	<b>Moderate risk.</b> Possibility of credit risk developing. There is a possibility of credit risk developing, particularly as a result of adverse economic or business changes over time; however, business or financial alternatives may be available to allow financial commitments to be met.
BB	
BB-	
B+	
B	<b>High credit risk.</b> A limited margin of safety remains against credit risk. Financial commitments are currently being met; however, capacity for continued payment is contingent upon a sustained, favorable business and economic environment.
B-	
CCC	
CC	<b>Very high credit risk.</b> Substantial credit risk “CCC” Default is a real possibility. Capacity for meeting financial commitments is solely reliant upon sustained, favorable business or economic developments. “CC” Rating indicates that default of some kind appears probable. “C” Ratings signal imminent default.
C	
D	Obligations are currently in default.

Scale	Short-term Rating Definition
A1+	The highest capacity for timely repayment.
A1	A strong capacity for timely repayment.
A2	A satisfactory capacity for timely repayment. This may be susceptible to adverse changes in business, economic, or financial conditions.
A3	An adequate capacity for timely repayment. Such capacity is susceptible to adverse changes in business, economic, or financial conditions.
A4	The capacity for timely repayment is more susceptible to adverse changes in business, economic, or financial conditions. Liquidity may not be sufficient.



*\*The correlation shown is indicative and, in certain cases, may not hold.*

**Outlook (Stable, Positive, Negative, Developing)** Indicates the potential and direction of a rating over the intermediate term in response to trends in economic and/or fundamental business/financial conditions. It is not necessarily a precursor to a rating change. ‘Stable’ outlook means a rating is not likely to change. ‘Positive’ means it may be raised. ‘Negative’ means it may be lowered. Where the trends have conflicting elements, the outlook may be described as ‘Developing’.

**Rating Watch** Alerts to the possibility of a rating change subsequent to, or, in anticipation of some material identifiable event with indeterminable rating implications. But it does not mean that a rating change is inevitable. A watch should be resolved within foreseeable future, but may continue if underlying circumstances are not settled. Rating watch may accompany rating outlook of the respective opinion.

**Suspension** It is not possible to update an opinion due to lack of requisite information. Opinion should be resumed in foreseeable future. However, if this does not happen within six (6) months, the rating should be considered withdrawn.

**Withdrawn** A rating is withdrawn on a) termination of rating mandate, b) the debt instrument is redeemed, c) the rating remains suspended for six months, d) the entity/issuer defaults., or/and e) PACRA finds it impractical to surveil the opinion due to lack of requisite information.

**Harmonization** A change in rating due to revision in applicable methodology or underlying scale.

**Surveillance.** Surveillance on a publicly disseminated rating opinion is carried out on an ongoing basis till it is formally suspended or withdrawn. A comprehensive surveillance of rating opinion is carried out at least once every six months. However, a rating opinion may be reviewed in the intervening period if it is necessitated by any material happening.

**Note.** This scale is applicable to the following methodology(s):

<p><b>Entities</b></p> <ul style="list-style-type: none"> <li>a) Broker Entity Rating</li> <li>b) Corporate Rating</li> <li>c) Financial Institution Rating</li> <li>d) Holding Company Rating</li> <li>e) Independent Power Producer Rating</li> <li>f) Microfinance Institution Rating</li> <li>g) Non-Banking Finance Companies (NBFCs) Rating</li> </ul>	<p><b>Instruments</b></p> <ul style="list-style-type: none"> <li>a) Basel III Compliant Debt Instrument Rating</li> <li>b) Debt Instrument Rating</li> <li>c) Sukuk Rating</li> </ul>
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(1) Rating is just an opinion about the creditworthiness of the entity and does not constitute recommendation to buy, hold or sell any security of the entity rated or to buy, hold or sell the security rated, as the case may be | Chapter III; 14-3-(x)

### **2) Conflict of Interest**

i. The Rating Team or any of their family members have no interest in this rating | Chapter III; 12-2-(j)

ii. PACRA, the analysts involved in the rating process and members of its rating committee, and their family members, do not have any conflict of interest relating to the rating done by them | Chapter III; 12-2-(e) & (k)

iii. The analyst is not a substantial shareholder of the customer being rated by PACRA [Annexure F; d-(ii)] Explanation: for the purpose of above clause, the term "family members" shall include only those family members who are dependent on the analyst and members of the rating committee

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(4) PACRA does not disclose or discuss with outside parties or make improper use of the non-public information which has come to its knowledge during business relationship with the customer | Chapter III; 10-7-(d)

(5) PACRA does not make proposals or recommendations regarding the activities of rated entities that could impact a credit rating of entity subject to rating | Chapter III; 10-7-(k)

### **Conduct of Business**

(6) PACRA fulfills its obligations in a fair, efficient, transparent and ethical manner and renders high standards of services in performing its functions and obligations; | Chapter III; 11-A-(a)

(7) PACRA uses due care in preparation of this Rating Report. Our information has been obtained from sources we consider to be reliable but its accuracy or completeness is not guaranteed. PACRA does not, in every instance, independently verifies or validates information received in the rating process or in preparing this Rating Report | Clause 11-(A)(p).

(8) PACRA prohibits its employees and analysts from soliciting money, gifts or favors from anyone with whom PACRA conducts business | Chapter III; 11-A-(q)

(9) PACRA ensures before commencement of the rating process that an analyst or employee has not had a recent employment or other significant business or personal relationship with the rated entity that may cause or may be perceived as causing a conflict of interest; | Chapter III; 11-A-(r)

(10) PACRA maintains principal of integrity in seeking rating business | Chapter III; 11-A-(u)

(11) PACRA promptly investigates, in the event of a misconduct or a breach of the policies, procedures and controls, and takes appropriate steps to rectify any weaknesses to prevent any recurrence along with suitable punitive action against the responsible employee(s) | Chapter III; 11-B-(m)

### **Independence & Conflict of interest**

(12) PACRA receives compensation from the entity being rated or any third party for the rating services it offers. The receipt of this compensation has no influence on PACRA's opinions or other analytical processes. In all instances, PACRA is committed to preserving the objectivity, integrity and independence of its ratings. Our relationship is governed by two distinct mandates i) rating mandate - signed with the entity being rated or issuer of the debt instrument, and fee mandate - signed with the payer, which can be different from the entity

(13) PACRA does not provide consultancy/advisory services or other services to any of its customers or to any of its customers' associated companies and associated undertakings that is being rated or has been rated by it during the preceding three years unless it has adequate mechanism in place ensuring that provision of such services does not lead to a conflict of interest situation with its rating activities; | Chapter III; 12-2-(d)

(14) PACRA discloses that no shareholder directly or indirectly holding 10% or more of the share capital of PACRA also holds directly or indirectly 10% or more of the share capital of the entity which is subject to rating or the entity which issued the instrument subject to rating by PACRA; | Reference Chapter III; 12-2-(f)

(15) PACRA ensures that the rating assigned to an entity or instrument is not be affected by the existence of a business relationship between PACRA and the entity or any other party, or the non-existence of such a relationship | Chapter III; 12-2-(i)

(16) PACRA ensures that the analysts or any of their family members shall not buy or sell or engage in any transaction in any security which falls in the analyst's area of primary analytical responsibility. This clause shall, however, not be applicable on investment in securities through collective investment schemes. | Chapter III; 12-2-(l)

(17) PACRA has established policies and procedure governing investments and trading in securities by its employees and for monitoring the same to prevent insider trading, market manipulation or any other market abuse | Chapter III; 11-B-(g)

### **Monitoring and review**

(18) PACRA monitors all the outstanding ratings continuously and any potential change therein due to any event associated with the issuer, the security arrangement, the industry etc., is disseminated to the market, immediately and in effective manner, after appropriate consultation with the entity/issuer; | Chapter III | 18-(a)

(19) PACRA reviews all the outstanding ratings on semi-annual basis or as and when required by any creditor or upon the occurrence of such an event which requires to do so; | Chapter III | 18-(b)

(20) PACRA initiates immediate review of the outstanding rating upon becoming aware of any information that may reasonably be expected to result in downgrading of the rating; | Chapter III | 18-(c)

(21) PACRA engages with the issuer and the debt securities trustee, to remain updated on all information pertaining to the rating of the entity/instrument; | Chapter III | 18-(d)

### **Probability of Default**

(22) PACRA's Rating Scale reflects the expectation of credit risk. The highest rating has the lowest relative likelihood of default (i.e, probability). PACRA's transition studies capture the historical performance behavior of a specific rating notch. Transition behavior of the assigned rating can be obtained from PACRA's Transition Study available at our website. (www.pacra.com). However, actual transition of rating may not follow the pattern observed in the past | Chapter III | 14-(F-VII)

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