News Release



Japan Credit Rating Agency, Ltd.

22-D-0935 October 28, 2022

ARAKAWA CHEMICAL INDUSTRIES Revises Earnings Forecasts Downward—Increasing Downward Pressure on Rating

The following is Japan Credit Rating Agency, Ltd. (JCR)'s opinion on downward revision of the earnings forecasts for the fiscal year ending March 2023 announced by ARAKAWA CHEMICAL INDUSTRIES, LTD. (security code: 4968).

- (1) On October 28, ARAKAWA CHEMICAL INDUSTRIES (the "Company") revised its forecasts for the fiscal year ending March 2023, reporting net sales of 83 billion yen (previous forecast: 90 billion yen), operating loss of 1.8 billion yen (previous forecast: operating income of 1.6 billion yen), and loss attributable to owners of parent of 3.5 billion yen (previous forecast: a profit of 900 million yen). The operating loss was due to deteriorating profitability caused by historically high natural gas prices and worsened raw material conditions at the company's European base, which manufactures hydrogenated petroleum resins, and lower sales of photo-curable resins due to production adjustments in the fields related to smartphone, automobile, and display against a backdrop of semiconductor shortages and lockdowns in China. The Company plans to terminate production of hydrogenated petroleum resins in Europe in March 2023, and the net loss will expand compared to the operating loss due to the impairment losses on fixed assets associated with the termination.
- (2) As of the end of the first quarter of the fiscal year ending March 2023, the Company had equity capital of 59.3 billion yen, and the negative impact of the net loss on its financials is expected to be limited. However, its earnings environment is deteriorating, as interest-bearing debt is increasing due in part to the construction of new plant, while raw material and fuel prices are soaring and demands related to automobile, electrical, and precision equipment are weak. There is a possibility that the Company's profit level will remain low for the time being due to the increased depreciation burden from the start of operations of the new plant in Chiba Prefecture. JCR believes that downward pressure on the rating is increasing, and will reflect it in the rating after carefully examining the outlook for sales of mainstay products and the operation of the new plant, as well as efforts to improve profitability.

Takeshi Fujita, Yosuke Sato

<Reference>

Issuer: ARAKAWA CHEMICAL INDUSTRIES, LTD.
Long-term Issuer Rating: AOutlook: Stable

Japan Credit Rating Agency, Ltd.

Jiji Press Building, 5-15-8 Ginza, Chuo-ku, Tokyo 104-0061, Japan Tel. +81 3 3544 7013, Fax. +81 3 3544 7026

Information herein has been obtained by JCR from the issuers and other sources believed to be accurate and reliable. However, because of the possibility of human or mechanical error as well as other factors, JCR makes no representation or warranty, express or implied, as to accuracy, results, adequacy, timeliness, completeness or merchantability, or fitness for any particular purpose, with respect to any such information, and is not responsible for any errors or ormissions, or for results obtained from the use of such information. Under no circumstances will JCR be liable for any special, indirect, incidental or consequential damages of any kind caused by the use of any such information including but not little to, lost opportunity or lost money, whether in contract, tort, strict liability or otherwise, and whether such damages are foreseeable or unforeseeable. JCR's ratings and credit assessments are statements of JCR's current and comprehensive opinion regarding redemption possibility, etc. of financial obligations assumed by the issuers or financial products, and not statements of opinion regarding any risk other than credit risk, such as market liquidity risk or price fluctuation risk. JCR's ratings and credit assessments are statements of opinion, and not statements of fact as to credit risk decisions or recommendations regarding decisions to purchase, sell or hold any securities such as individual bonds or commercial paper. The ratings and credit assessments may be changed, suspended or withdrawn as a result of changes in or unavailability of information as well as other factors. JCR receives a rating fee paid by issuers for conducting rating services in principle. JCR retains all rights pertaining to this document, including JCR's rating data. Any reproduction, adaptation, alteration, etc. of this document, including such rating data, is prohibited, whether or not wholly or partly, without prior consent of JCR.

JCR is registered as a "Nationally Recognized Statistical Rating Organization" with the U.S. Securities and Exchange Commission with respect to the following four classes. (1) Financial institutions, brokers and dealers, (2) Insurance Companies, (3) Corporate Issuers, (4) Issuers of government securities, municipal securities and foreign government securities.

JCR publishes its press releases regarding the rating actions both in Japanese and in English on the same day. In case that it takes time to translate rating rationale, JCR may publicize the summary version, which will be replaced by the full translated version within three business days. (Regarding Structured Finance products, JCR only publicize the summary version in English.)