



September 17, 2015

To whom it may concern:

Company Name: Minebea Co., Ltd. Representative: Yoshihisa Kainuma

Representative Director,

President and Chief Executive Officer

(Code No. 6479, TSE Div. No. 1)

Contact: Yasuo Komine

General Manager

Corporate Communications Office

Phone: +81-(0)3-6758-6703 Company Name Okamoto Glass Co., Ltd. Representative: Tsuyoshi Okamoto

President and CEO

(Code No. 7746, JASDAQ)

Contact: Takashi Kazama

Corporate Service Div.

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Company Name: JAPAN 3D DEVICES Co., Ltd. Representative: Tomoyuki Saito, President

## JAPAN 3D DEVICES Co., Ltd. to Start Mass-Production of Components for HUDs

Minebea Co., Ltd. ("Minebea", Head Office: Miyota-machi, Kitasaku-gun, Nagano, Representative Director, President and CEO: Yoshihisa Kainuma) and its subsidiary as well as the affiliated company accounted for by the equity method of Okamoto Glass Co., Ltd. ("Okamoto Glass", Head office: Kashiwa-shi, Chiba, President and CEO: Tsuyoshi Okamoto), namely JAPAN 3D DEVICES Co., Ltd. ("J3DD", Head Office: Kashiwazaki-shi, Niigata, President: Tomoyuki Saito), will commence the first mass-production of glass components for use in head-up displays ("HUDs") at the Kashiwazaki Plant.

In July 2014, Minebea subscribed in the third party allotment for the new shares of J3DD, which was a subsidiary of Okamoto Glass. J3DD is a manufacturer of high precision 3D molded thin lenses, including concave mirrors (reflectors) for use in HUDs for automobiles and has been making preparations for the establishment of mass-production system for HUD components.

The new products to be mass-produced are the ones Okamoto Glass have received orders from an automotive components manufacturer, and the products are to be sold to such automotive parts company by Okamoto Glass, which carries out the polishing process of molded glasses manufactured by J3DD.

Through the use of HUDs, a car driven can reduce the eyes movement to a dashboard at the time of the high-speed running on the highways. As such, the applications of HUDs have started with high-quality automobiles in Europe and been expanded into various types of cars produced by automotive manufacturers all over the world. Glass lenses used for HUDs have superior light stability and are capable of responding to the high qualities required for

the products. Lenses being introduced in the market are planned to be deployed in luxury models in Europe where the safety of high speed running is strongly required.

Commencement of mass production: scheduled for September 2015 (as planned)

There will be no revision to the consolidated business forecast for the fiscal year ending March 2016.

## Outline of J3DD

(1) Company name	JAPAN 3D DEVICES Co., Ltd.
(2) Location of head office	7587-1 Oaza-yasuda, Kashiwazaki-shi, Niigata
(3) Representative	Tomoyuki Saito (President)
(4) Principal business line	Manufacture, processing and sales of electronic and optical equipment
(5) Paid-in Capital	751 million yen
(6) Established	April 14, 2014
(7) Financial closing date	March 31
(8) Share holding ratio	Minebea: 73.57%, Okamoto Glass: 26.43%
(9) Plant area	3,324.16 square meters
(10) Number of employees	38 (as of September 1, 2015), To be increased to 45 by the end of the Fiscal Year ending March 31, 2016
(11) Relationships with Minebea	(i) Capital relationship: Consolidated subsidiary of Minebea (ii) Personnel relationship: Minebea's officers and employees hold the positions of 3 directors and 1 corporate auditor of this company
(12) Relationships with Okamoto Glass	(i) Capital relationship: Okamoto Glass' affiliated company accounted for by the equity method (ii) Personnel relationship: Okamoto Glass's officers and employees hold the positions of 2 directors and 1 corporate auditor of this company

## Outline of Minebea

(1) Company name	Minebea Co., Ltd.	
(2) Location of head office	4106-73 Oaza Miyota, Miyota-machi, Kitasaku-gun, Nagano	
(3) Representative	Yoshihisa Kainuma Representative Director, President and Chief Executive Officer	
(4) Principal business line	Machinery components business, Electronic devices and components business	
(5) Paid-in capital	68,258 million yen (as of March 31, 2015)	
(6) Established	July, 1951	
(7) Financial closing date	March 31	
(8) Major shareholders and shareholding ratio	The Master Trust Bank of Japan, Ltd. (Trust Account): 7.64% Japan Trustee Services Bank, Ltd. (Trust Account): 5.51% Takahashi Industrial and Economic Research Foundation: 4.08% (as of March 31, 2015)	
(9) Total net assets (consolidated)	233,679 million yen (as of March 31, 2015)	
(10) Total assets (consolidated)	490,043 million yen (as of March 31, 2015)	
(11) Net sales (consolidated)	500,676 million yen (Fiscal Year ended in March 31, 2015)	
(12) Number of employees	3,853 (as of July 31, 2015) (Non-consolidated) 69,348 (as of July 31, 2015) (Consolidated)	

## Outline of Okamoto Glass

(1) Company name	Okamoto Glass Co., Ltd.
(2) Location of head office	380, Toyofuta, Kashiwa-shi, Chiba
(3) Representative	Tsuyoshi Okamoto (President and CEO)
(4) Principal business line	Manufacture and sales of special-purpose glass for industrial use, and multi-layer thin film and film evaporation products
(5) Paid-in Capital	1,806 million yen (as of August 31, 2015)
(6) Incorporated	March 1947 (Founded in October 1928)
(7) Financial closing date	March 31

(8) Major shareholders and shareholding ratio	OKAMOTO KOHSAN INC. : 31.33% OHARA INC. : 9.40% OGC INC. : 6.69% (as of March 31, 2015)
(9) Total net assets (consolidated)	808 million yen (as of March 31, 2015)
(10) Total assets (consolidated)	6,100 million yen (as of March 31, 2015)
(11) Net sales (consolidated)	6,119 million yen (Fiscal Year ended in March 31, 2015)
(12) Number of employees	237 (as of July 31, 2015) (Non-consolidated) 343 (as of July 31, 2015) (Consolidated)
(13) Relationships with Minebea	Capital relationships & personnel relationships, etc.: None

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