



## Timetable for a Shutdown of the Ammonia Production Facilities within the Niigata Plant

 **mitsubishi GAS CHEMICAL COMPANY, INC.**

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Mitsubishi Gas Chemical Company, Inc. (MGC; Head Office: Chiyoda-ku, Tokyo; President: Toshikiyo Kurai) announces a timetable for a long-studied shutdown of the ammonia production facilities within the Niigata Plant as follows:

### 1. Background:

MGC has been producing ammonia in the Niigata Plant (Niigata City, Niigata Prefecture) since 1957 using its own natural gas. Currently, MGC produces 132,000 tons of ammonia annually. The production efficiency, however, has been compromised in recent years due to the declining domestic demand of ammonia. Furthermore, the aging facilities demand repair and maintenance cost more than ever before.

### 2. Timetable for the discontinuation of ammonia production:

Under the above mentioned circumstances, MGC has been reviewing the strategy of its future ammonia business within the framework of the Mid-term Management Plan "MGC Will2014", and it has resolved to shut down the ammonia production facilities at the end of July 2015.

### 3. Future business schemes and strategies to improve the competitiveness of the Niigata Plant:

After its own ammonia production facilities are shut down, MGC plans to substitute it with external supplies of ammonia, thereby allowing it to maintain its product lineup of "liquid ammonia" and "ammonia solution" by using these purchased materials.

MGC will, in the meantime, discontinue the production of "liquefied carbon dioxide" and "dry ice", which are the byproducts of ammonia production, and remove these items from the product lineup.

MGC will improve the competitiveness of the Niigata Plant by expanding the functional materials and life science businesses; this will be done while using its own natural gas as a

versatile utility product as well as for making high value-added products, such as ammonia derivatives.

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