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Mitsubishi Electric Completes New Elevator Test Tower at Mitsubishi Elevator Asia (Thailand)

Strengthened testing and evaluation expected to accelerate local product development

TOKYO, April 17, 2017 – [Mitsubishi Electric Corporation](http://www.mitsubishielectric.com) (TOKYO: 6503) announced today the completion of a new elevator test tower at Mitsubishi Elevator Asia Co., Ltd. (AMEC), which produces elevators and escalators for markets outside Japan. The tower will be operable from June. AMEC, which established an R&D center in 2015 and a new factory last year, will use the new tower for enhanced testing and evaluation functions that are expected to accelerate local product development.



New test tower

Overview of New Test Tower (and Factory)

| | New Test Tower | New Factory |
|---------------|--|--|
| Name | Kiang Fah (“to the sky” in Thai) | - |
| Building area | 287m ² (floor area: 3,182m ²) | 4,800m ² (floor area: 14,400m ²) |
| Structure | Steel; 68.3 meters high (equivalent to 15-story building) | Steel; three stories |
| Purpose | Development, designing and evaluation of elevator equipment | Manufacturing of elevator equipment (control equipment, etc.) |
| Operation | June 2017 | May 2016 |
| Investment | 710 million THB (2.2 billion yen) | |

AMEC plays a central role in Mitsubishi Electric’s manufacture of elevators and escalators for markets outside Japan. To meet growing demand and respond to requirements in specific markets with tailored product features and designs, AMEC upgraded its development and engineering capabilities by establishing an R&D center in October 2015, and expanded its production capacity by 50 percent to 20,000 units by opening a new factory in May 2016.

The company decided to build a taller test tower to evaluate medium- and high-speed models in response to the recent trend of higher buildings, and to develop specialized models for the expanding renewals market. The new tower extends the range of products that can be verified, including high-speed models. By strengthening local-development capabilities, AMEC expects to reduce costs and lead times.

Specific activities planned for the new test tower include the following:

- Development and testing of electric and mechanical systems for high-speed elevators
- Development and testing of technologies for suppressing vibration and noise which may occur while traveling at a high speed
- Performance and endurance testing of locally procured parts and equipment for high-speed elevators
- Performance and endurance testing of safety systems, such as safety gears and buffers
- Development and testing of special models for elevator renewal

Overview of AMEC

| | |
|-----------|--|
| Name | Mitsubishi Elevator Asia Co., Ltd. |
| President | Hideaki Kodera |
| Location | Amata Nakorn Industrial Estate, Chonburi Province, Kingdom of Thailand |
| Capital | 1.15 billion THB (3.57 billion yen) |
| Ownership | Mitsubishi Electric Group: 100 % |
| Operation | May 1991 |
| Employees | 2,600 |

AMEC's Milestones

| | | | |
|---------|---|---------|---|
| FY 1991 | AMEC founded | FY 2005 | Started production of permanent-magnet gearless elevators |
| FY 1992 | Started production of elevators and escalators | FY 2006 | Produced 50,000th unit |
| FY 1996 | Awarded ISO9001 certification | FY 2010 | Started production of NEXIEZ elevators |
| FY 1997 | Produced 10,000th unit | FY 2011 | Produced 100,000th unit |
| FY 1998 | Awarded ISO14001 certification | FY 2015 | Established R&D center for development and verification |
| FY 2001 | Produced 20,000th unit | FY 2016 | Expanded production capacity by opening a new factory |
| FY 2002 | Started production of machine-room-less elevators | | |

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About Mitsubishi Electric Corporation

With over 90 years of experience in providing reliable, high-quality products, Mitsubishi Electric Corporation (TOKYO: 6503) is a recognized world leader in the manufacture, marketing and sales of electrical and electronic equipment used in information processing and communications, space development and satellite communications, consumer electronics, industrial technology, energy, transportation and building equipment. Embracing the spirit of its corporate statement, Changes for the Better, and its environmental statement, Eco Changes, Mitsubishi Electric endeavors to be a global, leading green company, enriching society with technology. The company recorded consolidated group sales of 4,394.3 billion yen (US\$ 38.8 billion*) in the fiscal year ended March 31, 2016. For more information visit:

www.MitsubishiElectric.com

*At an exchange rate of 113 yen to the US dollar, the rate given by the Tokyo Foreign Exchange Market on March 31, 2016