

To whom it may concern

Japan Die Casting Association  
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## 2014 Japan Die Cast Conference/Exhibition Guide to the Plant Tours

The Japan Die cast Association has planned the following four Plant tour courses to be held in conjunction with the 2014 Japan Die Cast Conference/Exhibition. Please participate in these tours.

Sincerely yours

### Particulars

#### 1. Schedule and tour course

Dates	Course name	Factories toured	Departure time departure	Scheduled tour period	Scheduled breakup time	Group size
Nov. 11 (Tuesday)	[1]Tohoku course	TSUKUBA DIECASTING CO.,LTD. IWAKI DIECASTING CO.,LTD.	8 : 40	10:00~11:30 13:20~14:50	16 : 40	30
Nov. 12 (Wednesday)	[2]Toukai course	RYOBI LTD. METTS CORPORATION	7 : 30	10:00~11:30 13:10~14:40	18 : 00	30
Nov. 12 (Wednesday)	[3]Kanetsu Course	ALcasst, LTD. (Hitachi Metals) SANWA- ALTECH CORPORATION.	8 : 00	10:30~12:00 13:00~14:30	17 : 10	30
Nov. 13 (Thursday)	[4]Tomei course	AHRETTY CORPORATION Tokai Plant YAMAHA MOTOR CO.,LTD	9 : 00	10:00~11:30 13:00~14:30	17 : 50	30

\* Please understand that we will not return the fee etc. even if we are forced to reduce the number of factories visited because of traffic conditions etc.

\* The participation fee will not change, but please ask us in advance about assembling at or breaking up at a destination.

\* Please understand that a plant which we plan to tour may refuse permission for the tour.

\* We ask the agreement of Plant tours to at the time of application, please send it with an application.

\* Prohibited any photograph, video tape recording, and transcription during plant tour. Please note.

#### 2. Means of transportation: rented busses

#### 3. Assembly/breakup locations

Tohoku Course: Assembly: JR Sendai Stn., → Breakup: JR Sendai Stn

Toukai Course: Assembly: Near /Breakup: Near JR Sakuragi-cho Stn.

Kanetsu Course: Assembly/breakup near →JR Sakuragi-cho Stn.

Tomei Course: Assembly: JR Hamamatu Stn., → Breakup: Near JR Sakuragi-cho Stn.

(Details concerning assembly locations will be provided in your reservation confirmation document.)

#### 4. Assembly: 30 people for each course (Up to 3 people from each company may participate in each course.)

(Note: A course will be cancelled if fewer than 15 people register to participate.)

**\* If one of the company's which you tour requests a tour of or visit to your plant in the future (a counter-visit), please deal with the request appropriately.**

#### 5. Application deadline: **October 20 (Monday)**. When 30 people have registered, registration stops.

(Sequence in which applications arrive by fax).

#### 6. Participation fee (includes bus fare, box lunch, consumption tax)

Tohoku course	¥32400
Toukai course	¥34560
Kan-etsu course	¥32400
Tomei course	¥47520

#### 7. Application method: Please fill in the attached application form and send it only by FAX.

When reception has been completed, we will send you a reservation confirmation document by FAX. After you receive the document, please forward the participation fee.

Applications and inquiries: **Kinki-Nippon Tourist**, ECC Sales department 6

Die Cast Desk: Kobayashi, Onozuka

Tel: 03-6891-9301, FAX: 03-6891-9401

Recipient of participation fee: Sumitomo Mitsui Bank, Hibiya Branch, Futsu 7806186, Name: sha

Nihon Daikasuto Kyokai (シャ) ニホンダイカストキョウカイ)

※We request that your company pay the forwarding fee.

\* If you require an invoice, please enter a “O” in the corresponding space on the application form.

\* We will prepare a list of participants, so if there is any change of participants after you have made your application, please notify us in advance.

\* Please understand that we cannot accept a cancellation after your application.

#### 8. Outline of the factory tours

##### [1] Tohoku Course November 11, (Tuesday)

Company name, factory name and address	TSUKUBA DIECASTING CO.,LTD. MIYAGI FACTORY 127-2 Maemonzawa Sawabe Kannari Kurihara-city Miyagi-ken
Alloys used (most to least)	AZ91D
Die cast machines	Cold machines, Max. 800t, Total 9 machines, hot machines,Max.150t Total 11 machines
Characteristics of the factory	At its Miyagi Factory, it performs the magnetic diecasting mainly and zinc diecasting. As a die cast product manufacturer, it provides products to customers in a wide range of fields such as an IT-related part, a car-related part, an AV apparatus, an industrial instrument part. In particular, about the field of thin-walled die-casting and precision die-casting, we have gotten high evaluation from everyone. The MIYAGI Factory is a factory with die cast machines ranging from 100 tons to 800 tons. And we had consistent manufacturing facilities to paint from the cast. As a die-cast parts, and we have been fulfill your needs into variety can be produced as a product to go die-casting, machining, painting until SubAssy.

Company name, factory name and address	IWAKI DIECASTING CO.,LTD. Headquarters Plant 51-2 Washiashi-Yamazaki Yamamoto-cho Watari-gun Miyagi-ken
Alloys used (most to least)	ADC12 B390 TH1 AC4C A1 ZDC2 Beric
Die cast machines	Cold machines, Max. 350t, Total 21 machines, hot machines,Max.90t Total 12 machines
Characteristics of the factory	Our company have divisions of manufacturing a specialized machine and tooling, and Trimming Die Design and Fabrication, Die Design and Die Fabrication. We supplies the die-casting of stable quality with integrated system in the factory to processing and heat treatment, impregnation from the mold design. The casting plant, established the launder system as melt deliverery methods and is supplying the molten metal to the two die-casting machine from the holding furnace one as energy-saving measures. It is also performed in the casting of semi-solid die casting using a vertical squeeze, we are also casting of zinc die-casting to another.

##### [2] Toukai course, November 12 (Wednesday)

Company name, factory name and address	RYOBI Ltd. Shizuoka Plant 5215-1 Kanbara Shimizu-ku Shizuoka-shi Shizukaoa-ken
Alloys used (most to least)	ADC12
Die cast machines	Cold machines, Max 3500t, Total 39 machines. No hot machines
Characteristics of the factory	As a production base of aluminum die-casting products of Tokai and Kanto market, Shizuoka plant, started operations in September 1962. Now, the factory, we have a die-casting machine of 39 units of up to 3500ton from 350ton. , we have to meet a wide range of demands of your customers. Production weight will exceed 3,000 tons per month in Japan's largest. In addition, there is a machining plant of the transmission parts, we have been supplied to your customers machining products.

Company name, factory name and address	Metts corporation 10350-1 Shimoyama, Minobu-cho Minamikoma-gun Yamanashi-ken
Alloys used (most to least)	ADC12,AZ91D,AM60,HD1.1 etc
Die cast machines	Cold machines, Max. 1,650t, total 13 machines, No hot machines
Characteristics of the factory	Resistant to impact and heat, excellent texture of the finish, Metts, makes a great industrial products of die-casting. It is widely used around the themselves of life and automobile. Metts Group operates 90 machines ranging from 125 to 1650 tons.It produces die cast products, mainly automobile parts that precise processing and durability is required, it produces a variety of products. Not only one part, provided with a function of the assembly process, it also supports the finished part and the intake manifold. And established a integrated system up to the finished product from the material, it offers services of high added value.

[3] Kanetsu Course November 12 (Wednesday)

Company name, factory name and address	ALcasst, Ltd (located in the Kumagaya factory of Hitachi Metals) 5200 Mikajiri, Kumagaya City, Saitama-ken
Alloys used (most to least)	ADC12, ADC3(revised), AC4CH
Die cast machines	Cold machines, Max. 2,500t, total 9 machines. No hot machines
Characteristics of the factory	It stably produces highly dependable parts based on vacuum die casting (HIVAC process), high vacuum die casting (HIVAC-V), and semi-solid die casting (SSM method). The company's major parts are automobile and truck use engine parts, underbody components, and building construction use double-structure materials (free access floors), etc.

Company name, factory name and address	Sanwa- Altech Corp. 224-1, Naganuma-machi, Isesaki City, Gunma-ken
Alloys used (most to least)	ADC12, R14, (high silicon material)
Die cast machines	Cold machines, Max. 650t, total of 12 machines. No hot machines.
Characteristics of the factory	It was founded in 1999, when its parent company, Sanden Corporation, separated the aluminum casting division of the Sanden Yattajima Business Center which produced car air-conditioner use compressors, to form the new company. Its big feature is its fully automatic production system: melted aluminum from the aluminum melting furnace in the east side of the factory is supplied to the Furnace of each die cast machine by an automatic distribution system, and products which have been cast and then runner cut are automatically conveyed to workers...

[4] Tomei Course, November 13 (Thursday)

Company name, factory name and address	YAMAHA MOTOR CO.,LTD 2500 Shingai, Iwata City, Shizuoka-ken
Alloys used (most to least)	ADC12
Die cast machines	Cold machines, Max. 2,500t, total 20 machines. No hot machines.
Characteristics of the factory	Factory to for Yamaha motorcycles, outboard motors, snowmobiles, ROV, automotive engine components, using a different construction method for each product and function an aluminum ingot of many kinds, have a limited production of diversified products of high-value-added die-cast products is.

Company name, factory name and address	Ahresty Corp., Tokai Plant (Toyohashi) 80 Higashi-mukaiyama, Futagawa-cho, Toyohashi City, Aichi Prefecture
Alloys used (most to least)	ADC2
Die cast machines	Cold machines, Max. 3,500t, total 39 machines. No hot machines.
Characteristics of the factory	The Tokai Factory of Ahresty Corp. is a factory with die cast machines ranging from 3,500 tons to 500 tons, which it uses mainly to manufacture power train parts for automobiles, motorcycles and outboard motors. All machines operate using the GF method (vacuum method) to manufacture large products which require high quality: engine blocks and machine cases. It aims to build higher level products through joint development with its customers..