



Lean Learning Trip to Toyota Japan

The 53rd session Feb 26th-March 3rd, 2012
 The 54th session March 24th-30th, 2012
 The 55th session April 14th-20th, 2012
 The 56th session May 12th-18th, 2012
 The 57th session June 9th-15th, 2012
 The 58th session July 7th-13rd, 2012

The 59th session August 4th-10th, 2012
 The 60th session September 1st-7th, 2012
 The 61st session October 6th-12th, 2012
 The 62nd session October 20th-26th, 2012
 The 63rd session November 10th-16th, 2012
 The 64th session December 1st-7th, 2012



Why you should attend?

In 2004, Toyota revenue reached 170 billion USD, which equals to the GDP of a developing country;
In 2005, the profit of Toyota was higher than the total profit of Top three automobile companies!
Of all the automobiles worldwide, 1/3 of which are made in Japan!!!

All kinds of data show that Toyota is famous in the world. However, Toyota is not only famous for an auto producer, but it is the birthplace of Lean Production. It is a plant of "World-Class Manufacturing"! The whole manufacturing industry is learning the essence of Toyota Way.

It has been 11 years for MIC Japan (A consulting company under Toyota) to organize "Toyota Learning Trip", and it helps to open eyes of those who are pursuing for manufacturing excellence worldwide. MESFC forged an exclusive strategic partnership with MIC since 2005. Till now, **nearly 1000** senior manufacturing professionals from **300 companies** have joined this featured event. Through lecture, project practice and plant tour, they learned lean production systematically. Most importantly, they had the chance to see and learn in person what Lean Production System is in World-Class plant and built up their confidence to implement lean in their own enterprises.

Let's walk into Toyota factories and feel the shake of lean production!

Let's unveil the secret of Toyota Production System, and find out the DNA of a World-Class Manufacturing.

How to achieve more through this Trip

- We suggest that one company can send 3-4 delegates, because it is good for build up decision to do more kaizen(Lean master plan after the trip).
- Please fill the pre-course questionnaire and prepare data such as plant layout, Takt Time and Cycle Time, we will forward them to MIC consultant.
- During the Trip, please select the case related to your company's actual situation.

Photos



5 Modules

- Training & Instructions

Consultants from MIC with more than 40 years experience in Toyota factories will reveal the secret of TPS DNA

- Real Case Study & Analysis

Organized in small class, every participant has opportunity to do face-to-face communication with consultants.

- A Series of Plant Visits

A series of Toyota factory visits will show you the real essence of TPS

- Simulation and Practice

In a training center of high degree of simulation, you will be given the chance to put what you've learned into practice. You will learn how to implement Kanban and How to use the 3 elements of Standard Work to improve.

- Experience of Lean Culture

Visit to Toyota Commemorative museum, Toyota assembling factory and Toyota Center, to reveal the DNA and know the history of lean. You will learn more about lean through other side of lean manufacturing

Seven Features

- **First** ever seen in China with live experience & exclusive Lean Manufacturing trip
- Combined with **training, real case study and plant visits** to Toyota and supplier plant
- Accompanied by the Senior Lean Manufacturing experts from Toyota-**MIC Senior Consultant**.
- Limited to a small group of **20 people** to ensure learning results, and more people will be transferred to next trip after fully booking.

- **Theme study** of your company during the training
- Excellent interpreters **with strong manufacturing background**
- Target to high-level manufacturing professionals and we can provide **tailor-made** package trip with English service

7-day wonderful experience!

Date	City	Activity	Accommodation
Day One	Shanghai Nagoya	Gather at Pudong International Airport International Flights arrived at Nagoya and check in hotel	Gifu City Nagoya
Day Two		Morning: Workshop Opening Ceremony (Free Networking) basic TPS workshop Afternoon: Plant Visit (Gifu Body Plant) •TPS workshop	
Day Three	Gifu City	Morning: basic TPS course •THEME workshop confirmation Afternoon: Plant Visit (Gifu Parts Plant) •THEME workshop confirmation	
Day Four		Morning: THEME workshop coach Afternoon: Plant Visit (Gifu Supplier Plant) •basic TPS course	
Day Five		Morning: Simulation and Practice-kaizen practice on welding working procedure Afternoon: Simulation and Practice-Kanban Management•Workshop conclusion presentation and certification	
Day Six	Gifu City Nagoya	Whole day activity: Visit to Toyota Commemorative museum, Toyota assembling factory and Toyota Center	
Day Seven	Nagoya Shanghai	Back to Shanghai	

Notes: We could provide you the following featured service:

Package Service: We could provide special learning agenda for packaged 15-20 people. The agenda will not be fixed as the above. We allow changes.

English Service: We could provide English Translation Service for packaged group composed of 15-20 foreign clients.

Past Participants of MESc TPS Trip

Since the 1st TPS Trip organized in July 2006, there are more than 300 delegates from more than 100 companies attended this featured event, including clients from different industries, such as electronics, chemical, pharmaceutical, mechanical, electrical, and auto, and auto parts. Part of clients is as following:

ABB, A.O.Smith, Aloca, Bosch&Siemens, Continental, EagleOttawa, Fairchild, Engersolland, KONE, Schneider, Sandvik, Sapa, Syngenta, Whirlpool, Danfoss, Ericsson, Little Swan, Philip Lightening, Siemens Video, GSK, Thermoking, Wison Group, Manitowoc, Philips, LG Philips, STAL Precision Stainless Steel, Celestica Suzhou, Celestica Dongguan, Suzler, GD Notel, Flextronics, GE hydro power, Commins, Yuanfang, Anshan Danfoss, Faurecia, Melaleuca, Bosch, GSK from UK, Cummins Beijing, SABS, Jiangsu Longcheng Forging, Miura pense de Shanghai Electric, Nantong Acetate Fiber, Beijing Prestolite Electric, Zhejiang Xizi Forward Eletrical Machinery, Beijing MMD Mining Machinery, STIHL China, Shanghai Lanke

Testimonials from Past Participants

- Toyota Production System has given me a clear picture of Kanban and its application. I have understood better and known how to promote Kaizen method of Toyota through the training, and it is sure that I will apply the method after back to the factory. By joining the trip, I have not only mastered the concept of TPS, but also known how to put it into practice. I am fully satisfied with the TPS Trip organized by MESc.
----Longcheng Precision Forging Co., Ltd Deputy General Manager
- Excellent Trip! I have seen so many new things and known so many fresh ideas and methods as well as visiting some Toyota factories. Generally speaking, it is a very good trip!
----SABS Production Operation Manager
- It has exceeded my expectation! The trainers from MIC and the staff from MESc are very professional and responsible. MESc has organized the trip very well.
----Nantong Acetate Fiber Co., Ltd Engineer
- The training course and on-site practice has combined very well, so it is better to understand. The consultant and the interpreter have rich experience and taught carefully.
----Beijing Prestolite Electric Co., Ltd Quality Director
- This lean learning trip is very valuable. Kanban is processing; Staff are practicing Kaizen activity, Pokayoke is being applied, Multi-skill Staff and all kinds of Visual management tools, all of which impressed me deeply. People's enthusiasm on Continuous Improvement made me realize the gap between our company and Toyota Factory. This trip strengthens my decision to implement lean and focus on lean thinking and culture building.
----Philips and Neusoft Medical Systems Co., Ltd Manufacturing Director

About MIC

MIC is a leading training and consulting company under Toyota group with the caliber to provide tailored solutions in manufacturing management and performance improvement through TPS (Toyota Production System) approaches to domestic and overseas customers from middle size to the first-class in major manufacturing industries. MIC is in Gifu prefecture in Japan, and its training facility is located at a site which is 30 minutes' drive from Nagoya international airport and the capacity of MIC training facility is 80 trainees a day, where lecture, hands-on practice, factory visiting and actual workshop training are provided.

MIC History

The establishment of MIC shall be given tribute to the founder of TPS Mr. Taiichi Ohno. Mr. Taiichi Ohno had a great wish that TPS can be promoted around the world, but this was difficult to realize in Toyota headquarter due to its strict regulation. Mr. Hoshino was one of Taiichi's students and also the General Manager of Gifu Body Group. He decided to establish MIC, which will be the consulting company for TPS implementation. (Mr. Taiichi helped GBC group on TPS implementation). MIC is unique as a consulting company in Toyota Group.

Great achievement of MIC around the world

S. Korea: In 2006, MIC received high appraisal by S. Korean government for their great contribution to S. Korean manufacturing.

For example, Samsung group send their staff to study TPS in MIC every week, almost 20 thousand people have attended this event. Samsung group also plans that all of the management team members will have a chance to go to MIC Toyota within 3 years.

China: Since MESCC established strategic partnership with MIC in 2005, MIC have conducted several trainings and consulting programs for dozens of local companies. Lean learning trip to Toyota Japan is warmly welcome by senior manufacturing professionals. So far, **nearly 1000** participants from more than **300** companies have attended this featured event.

TPS Training Outlines from MIC

Unit I What is TPS?

1. Purpose of TPS
2. Basic concept of TPS
3. Composition of the production cost
4. 7 wastes
5. How to understand efficiency
6. Efficiency and Durability / Stability

Unit II Two Main Pillars of TPS - JIT (Just in time)

1. Heijunka (Levelled Production) precondition
2. 4M + Information
3. Making a flow in process (Basic Principle)
4. Multi process handling
5. Machine installation in processing sequence
6. Tact time
7. Pull production system
8. Transportation
9. The form of transportation

Unit III Two Main Pillars of TPS Production System --Jido-Ka (Self Judging & Controlling Machine)

1. Difference between Autonomation and Automation
2. Before requiring a cost down to suppliers
3. Automation of manual line
4. POKAYOKE--complementary tool of JIDO-KA
5. Pursuit of more efficient work--release of observer by JIDO-KA
6. Pursuit with a workload of 1 person
7. SHOJIN-KA (devise for raising up a flexibility of line)

Unit IV Measures to Raise up an Organization Efficiency

1. Same tact connection method
2. Job transfer method
3. Different tact gathering method
4. Pace maker

Unit V Standard Operation

1. What is standard operation?
2. 3 elements of standard operation
3. Three documents of standard operation
4. Improvement by Standard Operation

Plants Tour

About Toyota Assembling company

Toyota assembling company, which was established in 1959, covers an area of 1.6 million square meters, having more than 4 thousand staff. It can produce 13 thousand cars per month. Through the visit to Toyota Assembling Company, you will see the production lines and process including: forging and metal forming, welding, coating, assembling and quality checking.



Key Points

How to realize Multi-specification and Small-batch
Kanban
Pokayoke
Suggestion system
Andon System
Rhythm Production
Worker Friendly working

Gifu Body Company

GBC is a member of the assembly plant & components plant under Toyota group. It is named to be the most efficient plant In the Toyota group. It produces special vehicles such as tour vehicle, engineer vehicle and emergency vehicle, and etc. In GBC, MIC consultant will show you 3 factories as below:

- GBC factory (which produces Haishi minibus)
- GBC Auto parts factory
- GBC SUE factory (which produces auto parts for auto chairs)



Key Points

The Kanban pooling system between the factories and their suppliers
Material supply system
VCS
Andon Syesem
JIT

Participation Fee

1-2 person(s) RMB 39,800 per person

7-14 persons RMB 35,800 per person

Including:

- Round trip economy class air tickets
- 6-night hotel accommodation (single room with bathroom)
- Daily transportation during the trip
- 3 meals per day
- Training fee
- Plant visit fee
- Invitation Letter application fee
- Training materials and certification fee
- Safety insurance
- Interpretation fee(Japanese to Chinese)

Note: English translation costs 2000RMB is not included in the training costs

Visa fee is not included in the participation fee. The participants must have valid travel documents (China passport should have at least 3 months' period of validity) and apply for business visa by themselves. MESC will provide supporting documents from Japan side. MESC will not take any responsibility for any rejection caused by visa or identity problems. Our itinerary is Shanghai-Nagoya-Shanghai round trip. If attendees have to travel different itinerary, please do inform us at least 3 weeks prior to the departure date. Attendees should bear any losses caused by their late notice or their emergency changes. MESC has the right to charge the price difference according to every special itinerary if we are the air ticket purchaser. Please refer to the sales contract for detailed terms and conditions. MESC has the final explanation rights for this event.

Value-added Services

"TPS TRIP" Alumni Club

To enhance the communication and sharing between TPS TRIP participants, MESC organized "TPS TRIP" Alumni Club for our past clients. We will regularly organize featured events like tea party and plant tour.

Cost:

"TPS TRIP" Alumni Club is a non-profit value added service, We only charge the basic cost, like meals, accommodation and transportation cost if any.

Past Events:

1. June 9th 2007: The philosophy of sado and lean -- Lean Forum
2. July 3rd 2007: Plant visit to GE Hydro Asia
3. September 2007: Plant visit to Delphi Drive and Dynamics Plant in Shanghai
4. August 8th 2008: Plant visit and discussion to Ingersoll Rand (Changzhou)
5. June 20th, 2009: Lean Tea Party—Lean Case Study
6. August 1st, 2009: Lean Tea Party --- Fruits of TPS Trip
7. September 23rd, 2009: Plant visit to Delphi Drive and Dynamics Plant in Shanghai
8. September 25th, 2009: Plant visit to Delphi Drive and Dynamics Plant in Shanghai

Membership Point Offer

Any client who has attended the TPS Trip of MESC can enjoy the special membership point offer. Every RMB 100 Yuan participation fee equals to RMB 1 point, and every point equals to RMB 1 Yuan.

Favorite Offer 1: Exchanging for Front-edge Lean Books

You can use the membership point to exchange the front-edge lean books, such as "Gold Mine", "Lean Solutions", "The Machine That Changed the World" and "New Toyota Production System".

Favorite Offer 2: Attending Public Training of MESC with Special Price

You can take membership point as Coupon discounts to attend public training of MESC.

The membership point will expire after one year, and it can not be exchanged for cash.

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