

Lean Japan Tour

14-21 NOVEMBER 2010



In conjunction with **JMAC** JMA Consultants Inc.

5 Best Practice Lean Manufacturers

Discussions with Factory Personnel

JMAC Lean Seminar

Interpreter & Sightseeing

SCHEDULE
(Subject to Change)

Sunday 14 November
DEPART AUSTRALIA

Monday 15 November
JMAC LEAN LECTURE

Tuesday 16 November
PRE-FABRICATED HOUSING

Wednesday 17 November
AUTOMOTIVE ASSEMBLY

Thursday 18 November
AUTOMOTIVE SUPPLIER

Friday 19 November
TOYOTA

Saturday 20 November
SIGHTSEEING

Sunday 21 November
ARRIVE AUSTRALIA

Participation Fee: \$7370*

INCLUDES:

Accommodation, Meals, Transfers, Tours,
Seminar, Sightseeing, Interpreter

***AIRFARE & TRAVEL INSURANCE NOT INCLUDED**

FURTHER INFORMATION

Terri Nation

Tel: 08-8300-0133 Fax: 08-8300-0134

E-mail: terri.nation@aigroup.asn.au

Lean Japan Tour

REGISTRATION FORM



COMPANY DETAILS

Company name			
Postal address			State
			Postcode
Telephone number		Fax number	
Ai Group member (Yes/No)	Membership number		Total number of participants

PARTICIPANT DETAILS 1

Title (Mr/Ms/Mrs/Other)	First name	Surname	
Position			
Email			
Direct telephone number		Mobile number	

PARTICIPANT DETAILS 2

Title (Mr/Ms/Mrs/Other)	First name	Surname	
Position			
Email			
Direct telephone number		Mobile number	

PARTICIPANT DETAILS 3

Title (Mr/Ms/Mrs/Other)	First name	Surname	
Position			
Email			
Direct telephone number		Mobile number	

PLEASE SEND REGISTRATION FORM TO: **Terri Nation** Tel 08 8300 0136 | **Fax 08 8300 0134** | Email: terri.nation@aigroup.asn.au
 Australian Industry Group - SA Branch | 136 Greenhill Road, Unley SA, 5061

*Participation fee does not include airfare, travel insurance or hotel personal expenses.
 **Participants required to use flights designated by the Ai Group unless prior arrangements have been made with the Ai Group.
 ***Tour content descriptions based on previous tours. 2010 tour actual content may vary. Schedule subject to change without notice.

CANCELLATION POLICY

Registration will indicate your intention to participate. Full payment will be required by 31 October 2010. Cancellation by any participant 4 weeks from departure date will receive a full refund. Cancellation by any participant between 2 weeks and 4 weeks from departure date will incur a 50% cancellation fee. Cancellation less than 2 weeks from departure date will incur a 100% cancellation fee. The transfer of registration by participants within the same company is acceptable. The Ai Group reserves the right to cancel the tour on or before 8 October 2010. The Ai Group asks participants to refrain from purchasing their airfare or travel insurance prior to this date. The Ai Group will take no responsibility for the refund of airfares or travel insurance.


AUTHORISATION

I am an authorised representative of the organisation identified above and have read and understand the cancellation policy.

Authorised representative name	Signature	Date
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TOUR INFORMATION

INTRODUCTION



THE RISE OF "LEAN"

Lean manufacturing has become a popular concept among manufacturers around the world over the past 20 years. Originally coined after research based on the Toyota Production System, "lean thinking" is now being applied across many industries. The irony is that despite lean being based on Japanese management excellence, the term "lean" is little used in Japan.



CONTRIBUTION OF JMAC

JMAC with its clients have been developing many of the famous tools of "lean thinking", and know-how for their successful application, for almost 70 years. These are not new concepts for JMAC, and they have accumulated a lot of know-how in the application of this thinking across various departments and industries.

THE STRUGGLE FOR AUSTRALIAN COMPANIES

Many Australian manufacturers have recently attempted implementing lean manufacturing programs, but there are limited cases of its successful and ongoing implementation. There are some key reasons behind this:

1. Companies have never seen a **genuinely successful example** to benchmark against.
2. Companies overlook the **people** and **culture** side when implementing lean programs.
3. Companies miss the **true essence of lean** due to a flood of misinterpreted material and opinions in the marketplace



BENEFITS OF THE TOUR

This tour will enlighten each participant's comprehension of lean. Over five days they will be immersed into the original Japanese thinking behind the concept and its true application across a range of companies today.

Whether participants are new to the concept of lean, or they are searching for that next level of achievement, everyone will come home with a better understanding of how lean can be achieved.

COMMENTS FROM PREVIOUS TOURS

"Experienced Japanese manufacturing and culture beyond expectations."

"Sensational! To see lean operate in a different industry was excellent."

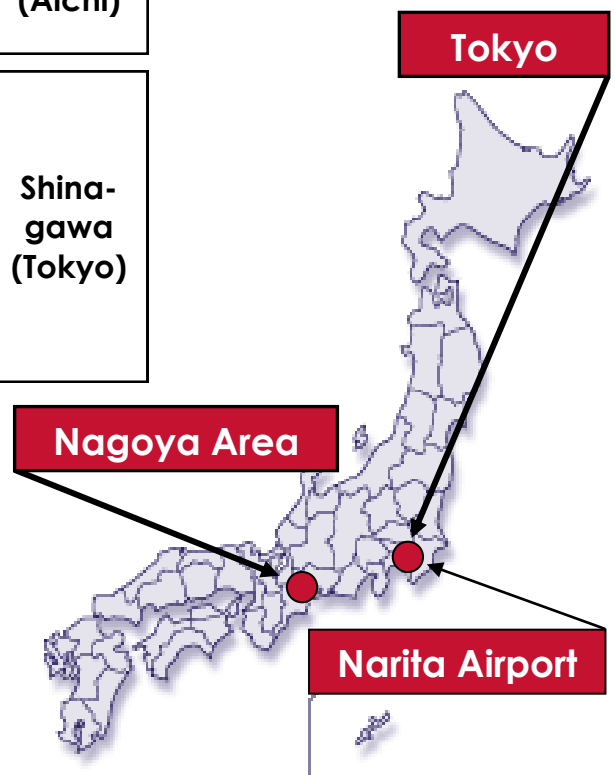
"Enjoyed the sessions with management. Felt they were very forthcoming."

"Very glad we stayed with the local cuisine and really enjoyed it"

TOUR SCHEDULE



	Schedule*	Hotel
SUN 14 NOV	FLIGHTS <ul style="list-style-type: none"> Adelaide/Brisbane/Melbourne-Sydney Sydney-Tokyo 	
MON 15 NOV	<ul style="list-style-type: none"> Arrive Tokyo Hotel Early Check-in LEAN MANUFACTURING LECTURE <ul style="list-style-type: none"> Lean Implementation in Japan Latest Manufacturing Trends in Japan WELCOME DINNER	Shinagawa (Tokyo)
TUE 16 NOV	TRANSFER <ul style="list-style-type: none"> Tokyo-Nagoya ORIENTATION LECTURE <ul style="list-style-type: none"> Tour Outline Introduction to Japan PLANT VISIT & DISCUSSION <ul style="list-style-type: none"> Sekisui Heim 	Nagoya (Aichi)
WED 17 NOV	PLANT VISIT, DISCUSSION & TRAINING <ul style="list-style-type: none"> Gifu Body Weld & Assembly Plant Gifu Body Pressed Components Plant 	Inuyama (Aichi)
THU 18 NOV	PLANT VISIT, DISCUSSION & TRAINING <ul style="list-style-type: none"> Gifu Body Seat Track Plant Kanban Practical Training 	Nagoya (Aichi)
FRI 19 NOV	PLANT VISIT <ul style="list-style-type: none"> Toyota MUSEUM VISIT <ul style="list-style-type: none"> Toyota Kaikan Museum TRANSFER <ul style="list-style-type: none"> Nagoya-Tokyo FAREWELL DINNER	Shinagawa (Tokyo)
SAT 20 NOV	SIGHTSEEING <ul style="list-style-type: none"> Tokyo FLIGHT <ul style="list-style-type: none"> Tokyo-Sydney 	
SUN 21 NOV	FLIGHT <ul style="list-style-type: none"> Sydney-Adelaide/Brisbane/Melbourne 	



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CORPORATE INFORMATION

COMPANY: JMA Consultants Inc
ESTABLISHMENT: 1942
LOCATION: Tokyo
MAIN BUSINESS: Management Consulting

LEAN CHARACTERISTICS

JMAC is one of the world's leading process innovation consulting firms. It is the oldest, largest and most respected management consulting firm in Japan

JMAC is responsible for creating and implementing many of the lean manufacturing tools and methodologies that are now recognized throughout the world for their levels of quality and productivity. Shigeo Shingo, famous for his significant contribution to the development of the Toyota Production System, was a JMAC consultant.

JMAC provides a full range of lean programs from experienced consultants based on teamwork with its clients and genba-focused philosophy.

JMAC continues to serve as a driving force behind innovation in industry globally.



TOUR CONTENT

LEAN LECTURE

The afternoon session will start with a welcome from JMAC personnel and an introduction of JMAC.

The remainder of the session will consist of a lecture conducted by a JMAC production consultant focusing on lean implementation in Japan and some of the latest manufacturing trends in Japan.

The session will invite open discussion and involvement from all participants.

ORIENTATION

JMAC will separately give a detailed briefing of the tour program.

Each participant company will be invited to present a short introduction of their company and their expectations from the tour.

JMAC will also give a presentation on Japanese customs and culture to help explain some of the aspects of Japan that participants will experience during the week.

CORPORATE INFORMATION

COMPANY: Sekisui Chemical Co., Ltd. Housing Company

ESTABLISHMENT: 1937

LOCATION: Aichi Prefecture

MAIN BUSINESS: Prefabricated Housing

LEAN CHARACTERISTICS

Sekisui Heim is a leader in the pre-fabricated housing market in Japan. Its competition includes the likes of Toyota, Panasonic and even within its own group from Sekisui House .

Sekisui has a unique unit technology construction method for its houses. 80 percent of the construction process is actually completed at the plant resulting in significantly short construction lead times.

One interesting aspect of its operations is its Heim Automated Part Picking Up System (HAPPS) - a high productivity, high quality automated part pick-up system which steadily provides components to the lines.

Customer satisfaction is a strong policy of Sekisui and they are so proud of their operations that they invite all customers to come and see



TOUR CONTENT

PLANT TOUR

The tour begins with a look at a completed quality Sekisui house as seen in display home villages right throughout Japan.

Participants are then guided through a shop floor-level tour of one of the production lines from component delivery to unit shipment. A Sekisui manager talks through each process in detail addressing questions and highlighting particular applications of lean thinking.

The tour completes with the group experiencing an earthquake simulator. Sekisui have set up one of their units on a simulator in order to show its build strength.

MANAGEMENT DISCUSSION

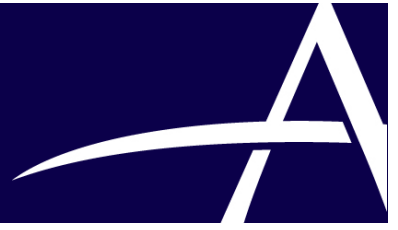
A manager will lead the group through a presentation of Sekisui's business and opens the floor for any questions and discussion.

Participants will be impressed by the application of lean tools to this industry and the level of detail Sekisui strive to satisfy their customers and visitors.





WEDNESDAY & THURSDAY
GIFU BODY



www.gifubody.co.jp

CORPORATE INFORMATION

COMPANY: Gifu Auto Body Co., Ltd.
ESTABLISHMENT: 1940
LOCATION: Gifu Prefecture
MAIN BUSINESS: Automotive

LEAN CHARACTERISTICS

Gifu Body is one of eight suppliers of finished vehicles to the Toyota Group and recognized as a top quality Toyota supplier.

Their major product is the Toyota Hi-Ace vehicle, but they also manufacture emergency vehicles based on the Hi-Ace design, along with other automotive parts.

Gifu Body refer to their system as the Gifu Production System (GPS), but it is nothing but an excellent example of the Toyota Production System (TPS) at work.

There are excellent examples of an electric kanban system, JIT delivery, customised equipment and pokayoke.

Gifu Body have a clever use of space throughout the plant. This has been required over the years due to the expansion of operations within building size limitations.

The life of older equipment has been extended considerably through excellent 5S and TPM programs.



TOUR CONTENT

PLANT TOURS

The tour group will visit three separate factories on this visit; the welding/paint/assembly factory, the pressed components factory, and the seat track factory.

The shop floor tours give a comprehensive operator-level look at the factory operations even extending out to the logistics, maintenance and welding shop.

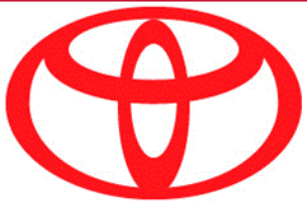
Highlighted are simple but effective visual management tools, automated guided vehicles (AGV) and specific examples of inexpensive improvement ideas that have had a considerable effect on productivity.

TRAINING

The Management Innovation Centre (MIC) is where the company presentations and discussions will take place. A former manager will lead the group through the history and lean journey of Gifu Body.

He is very experienced at providing an easy-to-understand background to the philosophy behind GPS and provide tangible examples of its success.

The group will have the opportunity to openly discuss lean concepts and their application with the former manager. Also, they will go through a practical education on the concept of kanban.



FRIDAY
TOYOTA



www.toyota.co.jp

CORPORATE INFORMATION

COMPANY: Toyota Motor Corporation
ESTABLISHMENT: 1937
LOCATION: Aichi Prefecture
MAIN BUSINESS: Automotive

LEAN CHARACTERISTICS

Toyota is the home of the Toyota Production System (TPS). The lean manufacturing movement is based around the principles, tools and culture that Toyota has been developing for over 60 years.

Supported by the pillars of Jidoka and Just-In-Time, TPS aims to offer high quality, short delivery times, and reasonable cost through employee creativity and intense efforts to eliminate waste .

It is designed so that machines and people alike stop production when there is equipment failure or any other irregularity in order for it to be immediately corrected.

Also, it improves productivity without waste by manufacturing and delivering the necessary parts at the necessary time in the necessary quantity.



TOUR CONTENT

PLANT TOUR

A tour of one of the nine Toyota plants in Toyota City will be conducted by Toyota personnel.

Facilities are set up inside the plant to give visitors a clear view of the operations and a true feeling of the shop floor atmosphere. Interactive training areas are also available to provide an indication of the extent and emphasis Toyota places on training its people.

The tour incorporates content on the two pillars of the Toyota Production System; Jidoka and Just-In-Time. TPS tools are explained through video and, where possible, actual shop floor examples of the tools at work.

MUSEUM TOUR

The second half of the Toyota visit will take the group to the Toyota Kaikan Museum.

The museum, located adjacent to Toyota global headquarters, is a showcase of Toyota's philosophy and corporate direction.

The areas cover environmentally friendly cars, safety and mobility, "Good Thinking, Good Products" (TPS), Toyota in society, motorsports, and a display of the latest models from Toyota and Lexus.

The TPS area in particular is a popular area for participants of this tour to gather and take in directly from Toyota how it explains its system.

DETAILS



PARTICIPATION COST

Participation Fee: \$7370*



ACCOMMODATION

- 5 nights accommodation
- 4-star rating hotels or equivalent

LECTURES & INTERPRETER

- Lectures from JMAC consultants
- Interpreter available throughout

TRANSPORTATION

- Inter-city bullet train transfers
- Group bus & taxi transfers

MEALS

- Lectures from JMAC consultants
- Interpreter available throughout

SIGHTSEEING & CULTURE

- Transport and entry to sightseeing
- Broad experience of culture

*NOT INCLUDED

- Airfare
- Travel insurance
- Hotel personal expenses

NOTES

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FLIGHT DETAILS

TO JAPAN FROM:	ADELAIDE	MELBOURNE	BRISBANE	SYDNEY	OTHER CITY
Flight No.	QF766	QF462	QF551		Please contact Ai Group for details
Depart	Adelaide	Melbourne	Brisbane		
SUNDAY 14 NOV 2010	17:45 (SUN)	19:00 (SUN)	17:45 (SUN)		
Arrive	Sydney	Sydney	Sydney		
SUNDAY 14 NOV 2010	20:10 (SUN)	20:25 (SUN)	20:20 (SUN)		
	CONNECTION	CONNECTION	CONNECTION		
Flight No.	QF21	QF21	QF21	QF21	
Depart	Sydney	Sydney	Sydney	Sydney	
SUNDAY 14 NOV 2010	22:05 (SUN)	22:05 (SUN)	22:05 (SUN)	22:05 (SUN)	
Arrive	Narita	Narita	Narita	Narita	
MONDAY 15 NOV 2010	06:00 (MON)	06:00 (MON)	06:00 (MON)	06:00 (MON)	
FROM JAPAN TO:	ADELAIDE	MELBOURNE	BRISBANE	SYDNEY	OTHER CITY
Flight No.	QF22	QF22	QF22	QF22	Please contact Ai Group for details
Depart	Narita	Narita	Narita	Narita	
SATURDAY 20 NOV 2010	20:00 (SAT)	20:00 (SAT)	20:00 (SAT)	20:00 (SAT)	
Arrive	Sydney	Sydney	Sydney	Sydney	
SUNDAY 21 NOV 2010	07:35 (SUN)	07:35 (SUN)	07:35 (SUN)	07:35 (SUN)	
	CONNECTION	CONNECTION	CONNECTION		
Flight No.	QF747	QF423	QF512		
Depart	Sydney	Sydney	Sydney		
SUNDAY 21 NOV 2010	11:05 (SUN)	10:00 (SUN)	09:05 (SUN)		
Arrive	Adelaide	Melbourne	Brisbane		
SUNDAY 21 NOV 2010	12:40 (SUN)	11:35 (SUN)	09:35 (SUN)		

FURTHER INFORMATION

Terri Nation Tel: 08-8300-0133 | Fax: 08-8300-0134 | E-mail: terri@aigroup.asn.au |
 Australian Industry Group - SA Branch | 136 Greenhill Road, Unley SA, 5061