## bsi.

2019

Penang

**Operational Excellence Courses** 









#### In-House Training

Our courses can be delivered at any premises of your choice. We can tailor it to your organisation, spending time focused on your objectives. This ensures that your people learn from best practices suited to your own organisation, in the setting where they will be using them.

Training programmes are priced by the total course-days rather than by the delegate, enabling you to make savings for groups, and you can save on the travel and accommodation expenses too.

#### Coaching Session

Track your performance by subscribing to our coaching sessions. Coaches are dispatched to your location and will observe your performance overtime, in your application of any Operational Excellence techniques by BSI.

Coaches will facilitate you by providing gap analysis study of your current state of deployment and general advisory based on common understanding in the industry.

Practice your new skills and knowledge under the view of our expert performance coaches.

### Public Training

Public training courses are available to employees from any organization, and are perfect when you want to train one or two people. They provide an effective training allowing you to benchmark with peers from different industries.

We take great care in selecting high quality venues, paying special attention to location, facilities and service standards. Courses are available in four locations — Malaysia, Penang, Johor Bahru & Kuching.



# Glossary



This course is certified by International Association for Six Sigma Certification.



This course is certified by British Standard Institution (BSI).



This course includes 6-months Minitab Software License.



This is a **Beginners** course. It is suitable for anyone without prior knowledge.



This is an **Intermediate** course. It is suitable for anyone with some prior knowledge of the subject.



This is an **Advanced** course. It is suitable for anyone with proficient knowledge of the subject.



This course has an examination or project coursework to be completed.



This course is an upgrade to a Six Sigma Black Belt, a Lean Sigma Black Belt or a Lean Master.



This course has pre-requirement to qualify for another course.



This is Phase 1 of the coursework. Attend Phase 2 to complete the course.



This is Phase 2 of the coursework. Upon completion of this phase, you will receive your certificate.

Certifie	d Lea	n a	nd S	ix S	igma	a Pro	ofess	siona	al Co	ourse	es				
	Fees Per Person (MYR)	Days	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20
Certified <b>Lean Expert</b>	8,250.00	10.0	14-18		<b>2</b> -01				① 22-26	<b>2</b> 19-23					
Upgrading to Certified <b>Lean Master</b>	4,500.00	5.0			25-29						23-27				
Certified Six Sigma Green Belt (SSGB)	6,950.00	6.0			<b>1</b> 20-22	<b>2</b> 15-17		<b>1</b> 26-28	<b>2</b> 16-18						
Upgrading to Certified Six Sigma Black Adv A * bsi. Belt (SSBB)	9,200.00	8.0					13-16	<b>2</b> 17-20		<b>1</b> 26-29		01-04			
Certified <b>Lean Sigma Green Belt (LSGB)</b> BSI Certification available. Prices may vary	11,100.00	9.0		18-22	11-14						1 23-27	<b>2</b> 21-24			
Upgrading to Certified <b>Lean Sigma Black</b> Adv A   Belt (LSBB)  BSI Certification available. Prices may vary	12,000.00	9.0				<b>1</b> 22-26	<b>2</b> 27-30						18-22	<b>2</b> 17-20	
Certified Service Lean Sigma Green Belt (SLSGB)	9,650.00	9.0				<b>1</b> 8-12	<b>2</b> 6-9								
Upgrading to Certified Service Lean Sigma Black Belt (SLSBB)	10,100.00	9.0						17-21	<b>2</b> 15-18						

	Change	Mana	ger	nen	t for	Sen	ior L	.ead	ersh	ip C	ours	ses				
		Fees Per Person (MYR)	Days	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20
<b>Lean Transformation Champion:</b> Being a Change Sponsor	Int bsi.	In-House option only	2.0					P	lease call u	s for more	e informatio	on				
Six Sigma Transformation Champion: Being a Change Sponsor	Int bsi.	In-House option only	2.0	Please call us for more information												
<b>Lean Sigma Transformation Champion:</b> Being a Change Sponsor	Int bsi.	In-House option only	2.0	.0 Please call us for more information												
5S Principles & Practices for Senior Management: Being a Change Sponsor	Int bsi.	In-House option only	1.0					P	lease call u	s for more	e informatio	on				
<b>Lean Practices for Top Management</b> Workshop	Int bsi.	In-House option only	1.0					P	lease call u	s for more	e informatio	on				
Six Sigma Practices For Top Management Workshop	Int bsi.	In-House option only	1.0					Р	lease call u	ıs for more	e informatio	on				
Lean Sigma Practices For Top Management Workshop	Int bsi.	In-House option only	1.0	1.0 Please call us for more information												

	Intro	oduct	ion	/ Ba	asic	Und	ersta	andi	ng C	ours	ses					
		Fees Per Person (MYR)	Days	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20
Certified <b>Lean Practitioner</b>	Beg <b>bsi.</b>	4,125.00	5.0	14-18						22-26	26-30					
Certified Six Sigma Yellow Belt	Beg bsi.	1,900.00	2.0	24-25												
Certified <b>Lean Sigma Yellow Belt</b>	<sup>Beg</sup> bsi.	2,900.00	3.0			25-27										
Certified Service Lean Sigma Yellow Belt	Beg bsi.	3,000.00	3.0			25-27										
Basic Understanding of Lean & Value Stream Mapping (VSM)	Beg bsi.	1,500.00	2.0	14-15						22-23	26-27				19-20	
Basic Understanding of <b>Six Sigma</b>	Beg <b>bsi.</b>	900.00	1.0	02												
Basic Understanding of <b>Lean &amp; Six Sigma</b>	Beg bsi.	1,500.00	2.0	02-03												
Basic Understanding of <b>5S</b> Culture & Commitment Seiri, Seiton, Seiso, Seiketsu, Shitsuke	Beg bsi.	900.00	1.0	03										25		
Introduction to Lean Warehousing	Beg bsi.	1,500.00	2.0					02-03								
Introduction to <b>MiniTab</b> Software *software not included	Beg <b>bsi.</b>	1,000.00	1.0					02								

	Co	ntinu	ous	: Im	prov	eme	ent 1	ools	Cou	urse	S						
		Fees Per Person (MYR)	Days	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20	
Kaizen Implementation	Beg bsi.	900.00	1.0				02			01				01			
Process Mapping Toolbox Towards Excellence	Beg bsi.	1,500.00	2.0						17-18								
Lean Deployment Management with Hoshin Kanri	Int bsi.	900.00	1.0	22													
Enhancing Process Efficiency with Value Stream Management (VSM)	<sup>Beg</sup> bsi.	In-House option only	2.0	Call us for more information													

		In	dus	tria	Exc	elle	nce	Coui	rses							
		Fees Per Person (MYR)	Days	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20
Zero Defect Through <b>Poka Yoke</b>	Beg bsi.	900.00	1.0		28						22					
Advanced Pull Manufacturing with <b>Heijunka</b>	Int bsi.	In-House option only	2.0	Call us for more information												
<b>Total Productive Maintenance</b> (TPM): Key to Production Effectiveness	Int bsi.	900.00	1.0	0 27 21												
<b>Total Productive Maintenance</b> (TPM) for IATF 16949:2016	Int bsi.	900.00	1.0	24					17				31			
Constraint Management: Key to Achieveing "The Goal"	Beg bsi.	1,500.00	2.0						24-25				07-08			
Quick Changeover for Operational Flexibility & Responsiveness	Int bsi.	900.00	1.0		26						20					
Smooth Flow with Flow based Manufacturing	Beg bsi.	In-House option only	1.0						Call us fo	or more inf	ormation					
Lean Supply Chain Management : Extending the Lean Enterprise	Beg bsi.	In-House option only	1.0	.0 Call us for more information												
Practical Design of Experiment (DOE) with MiniTab Software *software not included	Beg bsi.	1,500.00	2.0	31-01						30-31		18-19				

		In	dus	tria	Exc	elle	nce	Cou	rses								
		Fees Per Person (MYR)	Days	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20	
Measurement Statistical Analysis (MSA) with MiniTab Software *software not included	Beg bsi.	1,000.00	1.0			06						20					
Statistical Process Control (SPC) with MiniTab Software *software not included	Beg bsi.	1,000.00	1.0			07						20					
Advanced Statistical Process Control (SPC+) with MiniTab Software *software not included	Beg bsi.	1,000.00	1.0			08											
Overall Equipment Effectiveness (OEE) Explained	Int bsi.	900.00	1.0			15				15				13			
Manufacturing Excellence through Total Lean Transformation	Beg bsi.	In-House option only	1.0	1.0 Call us for more information													

		W	ork	plac	e Eff	ficie	ncy	Cour	ses							
		Fees Per Person (MYR)	Days	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20
Internal Auditing of <b>5S</b> Practices	Int bsi.	1,500.00	2.0		21-22										16-17	
Implementation of <b>5S</b> Practices	Beg bsi.	2,400.00	2.0	03-04										25-26		
Work Engineering for Smooth Flow Manufacturing	Beg bsi.	1,600.00	2.0							24-25						
Standard Operation with Training Within Industry (TWI)	lmt bsi.	1,500.00	2.0			04-05							07-08			
Lean Office Practice: Improving Transactional Processes with Lean	Beg bsi.	900.00	1.0	28						01						

		Acc	ura	су І	mpr	over	nent	Cou	ırse	S						
		Fees Per Person (MYR)	Days	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20
Gage Repeatibility & Reproducibility (GR&R)	Int bsi.	900.00	1.0			18				22	30					
An <b>Effective Calibration</b> System	Beg bsi.	1,500.00	2.0		25-26		08-09	30-31			01-02				10-11	
Fundamentals of <b>Acceptance Sampling</b>	Beg bsi.	900.00	1.0				03		27				29			
Zero Acceptance Number Sampling Plan	Beg bsi.	900.00	1.0				12									

		Perfo	orm	ance	Ma	nago	eme	nt C	ours	es						
		Fees Per Person (MYR)	Days	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20
Developing & Managing <b>Key Performance Indicators</b> (KPIs)	Int bsi.	1,700.00	2.0	22-23					20-21						02-03	
Diagnostics & Problem Solving Courses																
		Fees Per Person (MYR)		Jan-19	Feb-19			May-19		Jul-19		Sep-19	Oct-19	Nov-19	Dec-19	Jan-20
The A3 Report: A Lean Problem Solving and Reporting Process	Int bsi.	900.00	1.0								26					
Problem Solving Through <b>7 Quality</b> Control (QC) Tools Made Easy	Beg bsi.	1,500.00	2.0			11-12				04-05		17-18		28-29		
<b>8-Discipline</b> (8D) Team Oriented Problem Solving Techniques	Beg bsi.	1,500.00	2.0	29-30				09-10		02-03				18-19		
Effective <b>Root Cause Analysis</b> (RCA)	Beg bsi.	1,500.00	2.0		19-20			06-07			14-15			11-12		
Effective <b>PDCA</b> Management & Deployment Techniques	Beg bsi.	900.00	1.0						11							

### Po Yen

Po Yen graduated from the Oklahoma State University with a B.Sc. Industrial System Engineering. He is a proficient



Gemba guru with in-depth exposure in operational and productivity change improvement.

His competency is in Lean Practices, and he has successfully coached many organizations to achieve customer satisfaction, breakthrough innovation and improvement in Quality-Cost-Delivery (QCD).

Po Yen is a Lean Master Trainer and has trained more than 1,000 delegates in Lean Strategy and Methodology. Po Yen is also a master in the topics of Training Within Industry (TWI), Total Productivity Improvement (TPM), 5S, Kaizen, Root Cause Analysis and more.

## Chee Ming

Chee Ming graduated from the University of Malaya with a Bachelor of Engineering (Hons.) in Electrical and Electronics Engineering and a Master of Science in Applied Physics.

Chee Ming is a Certified Six Sigma Black Belt with the International Association of Six Sigma Certification (IASSC), Lean Sigma Master Black Belt and an AEMAS certified Energy Manager.

He is also a specialists on topics like Measurement System Analysis (MSA), Design of Experiment (DOE), Minitab, PPAP, 8-D Problem Solving, Statistical Process Control (SPC), Failure Mode Effect Analysis (FMEA), Total Productive Maintenance (TPM) and more.

In his 20 years of career, Chee Ming has successfully trained over 350 companies, more than 100 Six Sigma Green Belts and coached over 370 projects to completion.



## Christina

Christina graduated from the University of Singapore with a Bachelor of Science (Honours) and University of Strathclyde in Scotland with a Master of Business Administration.

She is an experienced trainer in the areas of Management Systems – ISO 9001, ISO/TS 16949, ISO 13485, FDA QSR, and in Lean and Operational Process Improvement.

Christina has conducted Certified Lean Master and Lean Expert Training Programmes that certified 26 new Lean Masters and Experts who successfully implemented change programs in their organisations.

As a Master Trainer, she is able to train on all LEAN concepts / methodologies which includes Certificated Lean Training, 5S, Kaizen, Value Stream Mapping, Poka-Yoke, and so forth.

## Jessy

Jessy graduated from the prestigious University of Mississippi with a B.Sc. (Cum Laude) in Chemical Engineering.

She is a Master Trainer with 15 years of hands-on experience in Lean Methodologies, Process Improvement tools, Production Management concepts, and Quality tools.

She provides coaching to implement Lean tools and carry-out kaizen projects.

She has implemented various kaizen initiatives such as streamlining NPI (new product introduction) procedures. minimizing changeover durations, raising productivities. implementing Total Productive Maintenance. optimizing operations. improving warehouse purchasing while controlling inventory level, set-up 5S programme, and a range of other lean projects.

### Contact us

**BSI Services Malaysia Sdn Bhd** (Operational Excellence Team)

Suite 14.02, Menara Boustead, 39, Jalan Sultan Ahmad Shah, 10050, Penang.

Tel: +6 04 227 9651

Email: info.malaysiapg@bsigroup.com

Website: bsigroup.com.my

