



Shutdown Excellence

Optimizing Shutdowns, Turnarounds and Outages (STO)

Audience: This course is designed for engineers, planners, coordinators, contractors and managers, or others who have STO roles in your organization. Departments may include: Asset Management, Maintenance, Reliability, Engineering, Operations or HSE (Health, Safety & Environment).

Duration: 3 Days

Course Description

KT's shutdown program focuses on delivering shutdown results on-time and on-budget while reducing possible risks associated with shutdown activities. KT has key applications that will ensure a sound risk management system is in place for your business shutdown.

Skills Developed

KT applications provide the following to shutdowns:

- Discipline
- A common process
- Visibility of daily progress
- Managed risk
- Timely decisions by daily monitoring of cost

Without careful planning and risk management, delays can result in the cost of lost production to far exceed the planned maintenance costs of a shutdown. A small investment in KT is minimal compared to the total costs of your shutdown or the risks of having it poorly executed with costly delays and incomplete projects.

 Definition

The Definition Phase ensures the identification of major sponsors and customers at the initiation of the STO.

 Planning

The Planning Phase is primarily concerned with the organization of the STO activity.

 Implementation

The Implementation Phase provides a process to ensure the work that has been organized gets done.

Results Delivered

- OneSteel completed its shutdown 36% faster than in previous years with zero lost time incident
- Thomson Tube Operations reduced annual shutdown from 3 to 2 weeks and completed 111 projects on time
- Using KT's STO process, a heavy manufacturing site achieved the following results:
 - 4 1/2 days ahead of schedule
 - Half a million under budget
 - Start up time to full capacity was reduced from 10 days to 36 hours

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“STO process is a good systematic process that can reduce wastage of time during execution”

STO Participant
PTT EP (Thailand)



Workshop Schedule 2015

STRATEGIC THINKING

Strategic Thinking & Execution

Mar. 24 - Mar. 25, 2015	Taipei
Apr. 1 - Apr. 2, 2015	Kuala Lumpur
May. 7 - May. 8, 2015	Singapore
Aug. 4 - Aug. 5, 2015	Hsinchu
Sep. 21 - Sep. 22, 2015	Singapore
Oct. 6 - Oct. 7, 2015	Kuala Lumpur

CRITICAL THINKING

Problem Solving & Decision Making

Jan. 20 - Jan. 22, 2015	Kuala Lumpur
Jan. 27 - Jan. 29, 2015	Guangzhou
Feb. 4 - Feb. 6, 2015	Singapore
Mar. 3 - Mar. 5, 2015	Kuala Lumpur
Mar. 10 - Mar. 12, 2015	Shanghai
Mar. 10 - Mar. 12, 2015	Penang
Mar. 25 - Mar. 27, 2015	Bangkok
Apr. 8 - Apr. 10, 2015	Singapore
May. 12 - May. 14, 2015	Shanghai
May. 12 - May. 14, 2015	Taipei
May. 26 - May. 28, 2015	Kuala Lumpur
Jun. 3 - Jun. 5, 2015	Singapore
Jul. 14 - Jul. 16, 2015	Kaohsiung
Jul. 28 - Jul. 30, 2015	Kuala Lumpur
Jul. 28 - Jul. 30, 2015	Chengdu
Aug. 4 - Aug. 6, 2015	Hong Kong
Aug. 12 - Aug. 14, 2015	Singapore
Aug. 18 - Aug. 20, 2015	Johor Bahru
Sep. 8 - Sep. 10, 2015	Kuala Lumpur
Sep. 23 - Sep. 25, 2015	Bangkok
Oct. 14 - Oct. 16, 2015	Singapore
Nov. 3 - Nov. 5, 2015	Kuala Lumpur
Nov. 25 - Nov. 27, 2015	Hsinchu
Dec. 1 - Dec. 3, 2015	Penang
Dec. 1 - Dec. 3, 2015	Beijing

Problem Solving & Decision Making 2 day Blended e-Learning Option Contact KT for more info

Mar. 9 - Mar. 10, 2015	Kuala Lumpur
Jul. 9 - Jul. 10, 2015	Singapore
Oct. 1 - Oct. 2, 2015	Kuala Lumpur
Dec. 1 - Dec. 2, 2015	Singapore

PROJECT MANAGEMENT

Project Management

Feb. 10 - Feb. 12, 2015	Kuala Lumpur
Mar. 10 - Mar. 12, 2015	Hsinchu
Mar. 17 - Mar. 19, 2015	Guangzhou
Mar. 25 - Mar. 27, 2015	Singapore
Apr. 7 - Apr. 9, 2015	Kuala Lumpur
Apr. 21 - Apr. 23, 2015	Hong Kong
May. 20 - May. 22, 2015	Singapore
Jun. 9 - Jun. 11, 2015	Johor Bahru
Jun. 24 - Jun. 26, 2015	Bangkok
Jul. 7 - Jul. 9, 2015	Taipei
Aug. 4 - Aug. 6, 2015	Kuala Lumpur
Aug. 18 - Aug. 20, 2015	Chengdu
Sep. 2 - Sep. 4, 2015	Singapore
Sep. 8 - Sep. 10, 2015	Shanghai
Oct. 20 - Oct. 22, 2015	Kuala Lumpur
Nov. 3 - Nov. 5, 2015	Penang
Nov. 3 - Nov. 5, 2015	Beijing
Nov. 11 - Nov. 13, 2015	Singapore
Dec. 8 - Dec. 10, 2015	Kaohsiung

STO Excellence

Apr. 14 - Apr. 16, 2015	Kuala Lumpur
Aug. 26 - Aug. 28, 2015	Singapore

Managing People in Projects

Apr. 29 - Apr. 30, 2015	Singapore
May. 18 - May. 19, 2015	Kuala Lumpur
Sep. 28 - Sep. 29, 2015	Singapore
Nov. 11 - Nov. 12, 2015	Kuala Lumpur

PROCESS MASTERY

PSDM LDI

Mar. 16 - Mar. 27, 2015	Kuala Lumpur
Jun. 15 - Jun. 26, 2015	Singapore
Oct. 19 - Oct. 30, 2015	Kuala Lumpur
Dec. 7 - Dec. 18, 2015	Singapore

PM LDI

Apr. 13 - Apr. 24, 2015	Singapore
Jun. 15 - Jun. 26, 2015	Kuala Lumpur
Sep. 7 - Sep. 18, 2015	Singapore
Nov. 16 - Nov. 27, 2015	Kuala Lumpur

For further information visit us at www.kepner-tregoe.com

Or contact us at:

	PHONE	EMAIL
SINGAPORE	+65 6256 6492	kt-singapore@kepner-tregoe.com
MALAYSIA	+60 3 7660 9128	kt-malaysia@kepner-tregoe.com
THAILAND	+66 2 274 0646	kt-thailand@kepner-tregoe.com
TAIWAN	0080 165 1893	kt-taiwan@kepner-tregoe.com
HONG KONG / CHINA	+852 2251 1581 +86 021 3120 3061	kt-hongkong@kepner-tregoe.com



Clear Thinking for a Complex World



Singapore

Kepner-Tregoe Southeast Asia Limited.
80 Raffles Place, #36-01 UOB Plaza 1
Singapore 048624

Telephone: +65-6256-6492

Fax: +65-6256-6500

kt-singapore@kepner-tregoe.com

Malaysia

Kepner-Tregoe (Malaysia) Sdn. Bhd.
Unit 1301, Level 13, Uptown 1
1, Jalan SS21/58, Damansara Uptown
47400 Petaling Jaya, Selangor
Malaysia

Tel: +603-7660-9128

Fax: +603-7660-9138

kt-malaysia@kepner-tregoe.com

Thailand

Kepner-Tregoe Thailand, LLC
10th Floor Thosapol Land Building II
230 Rajchadaphisaek Road
Huaykwang, Bangkok 10320
Thailand

Telephone: +662-274-0646

Fax: +662-274-0096

kt-thailand@kepner-tregoe.com

Taiwan

Kepner-Tregoe Asia, LLC
(Taiwan Branch)
6th Floor, No. 560
Chung Hsiao East Road, Sec. 4
Taipei 11071, Taiwan

Telephone: 0080 165 1893

kt-taiwan@kepner-tregoe.com

Hong Kong/China

Kepner-Tregoe Southeast Asia Ltd
Level 19, Two International Finance Centre,
8 Finance Street,
Central Hong Kong

Telephone (HK) : + 852 2251 1581

Telephone (China) : +86 021 3120 3061

Fax : + 852 2251 1618

kt-hongkong@kepner-tregoe.com