



By :

MOHD RASHDAN ATTAN

**RBI METHODOLOGY
(API 510/580/581) for DOSH
Special Scheme of Inspection
(SSI)
- A Technical Approach**

BEM APPROVED CPD HOUR : TBA

DATE / TIME :

**4th October 2021
9.00 am – 5.30 pm**

VENUE :

TBA

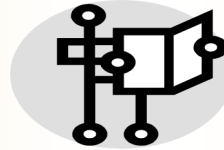
Registration Fees

Normal	RM 850
ANSARA / MOGEC	RM 800



HRDF - SBL CLAIMABLE

Training Summary

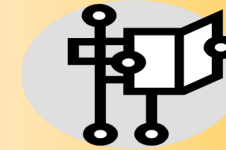


**PROGRAMME
SYNOPSIS**

Process equipment is affected by numerous type of materials degradation/damage mechanisms that results in an unacceptable risk and could led to failure. The Risk-Based Inspection (RBI) is a procedure to systematically assess the risks associated with a loss of containment by utilizing a prioritization methodology that defines equipment risk as the product of the probability of failure and the consequence of failure. It is performed to optimize existing inspection and maintenance resources to focus them on equipment at greatest risk and is used as part of a complete equipment plan and strategy.



Training Summary



**LEARNING
OUTCOMES**

The course is meant to provide both instruction and workshop sessions so that the participants:

- Are familiar with the principles of RBI
- Are familiar with the risk thinking, probability and consequence.
- Are familiar with the risk matrix, risk limits and their use.
- Have expectations as to what the RBI workshop will (and won't) provide.
- Have the opportunity to learn the estimation of the need for, type and frequency of inspection, and its effect on the associated risks.
- Be able to develop an inspection plan that can be practically applied in managing risk.
- Understand what deliverables can be expected for RBI-Special Scheme of Inspection (SSI) by DOSH.

At the end of the session, the participants should:

- Understand the responsibilities of all parties in the RBI.
- Have experience in a RBI session.
- Understand the outcomes from a RBI sessions.

Trainer Profile



Rashdan has over 20 years of experience in the oil and gas and petrochemicals industries, in construction and engineering design, project management, and maintenance and reliability engineering supporting operation. He was a Certified API510 pressure vessel inspection engineer. His experience includes managed the development and implementation of Risk-Based Inspection (RBI) for asset integrity management strategy and corrosion management plan for upstream (offshore installations) and downstream facilities. He also successfully managed statutory extension/exemption for DOSH inspection (up to 51 month) by using RBI approach for onshore oil and gas terminals and petrochemicals plant.

Schedule

TENTATIVE PROGRAMME	
Time	Details
8.30 a.m. – 9.00 a.m.	Registration
9.00 a.m. – 11.00 a.m.	Introduction to Risk-Based Inspection
11.00 a.m. – 11.15 a.m.	Mid-morning break
11.15 a.m.– 1.00 p.m.	RBI Methodology (The Session)
1.00 p.m. – 2.00 p.m.	Lunch Break
2.00 p.m. – 3.00 p.m.	RBI - The Session
3.00 p.m. – 3.15 p.m.	Afternoon coffee break
3.15 p.m. – 4.30 p.m.	RBI – SSI Requirement for DOSH
4.30 p.m. – 5.00 p.m.	Summary and feedback
5.00 p.m.	Session end

REGISTRATION FORM

Tel : 603-80624671 Fax : 603-21611489

Email : training@igl.com.my

Website: <http://www.igl.com.my>

Name of Organisation:

Address:

Email:

Phone number :

Tel (Office) :

Tel (Fax) :

Contact Person :

Designation :

ANSARA / MOGEC Member:

YES / NO

NAME	Reg. Fee (RM)
TOTAL PAYABLE	

Enclosed herewith a crossed cheque No. for the sum of RM issued in favour of "IGL Services Sdn Bhd (Maybank/562777220149) and crossed 'A/C payee only'. I/We understand that the fee is not refundable if I/we withdraw after my/our application is/are accepted by the Organizing Committee but substitution of participant will be allowed. If I/we fail to attend the workshop, I/we will still pay the registration fee in full.

(See next page : Terms & Conditions)



Terms & Conditions

- FULL PAYMENT must be settled before commencement of the course, otherwise participants will not be allowed to enter the hall. If a place is reserved and the intended participants fail to attend the course, the fee is to be settled in full.
- Fee paid is not refundable. Registration fee includes lecture notes, refreshment.
- The Organizing Committee reserves the right to cancel, alter, or change the program due to unforeseen circumstances. Every effort will be made to inform the registered participants of any changes. In view of the limited places available, intending participants are advised to send their registrations as early as possible so as to avoid disappointment.

IGL SERVICES SDN BHD

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