

TECHNOLOGY BASED OCCUPATIONAL SAFETY & HEALTH (OSH) INSPECTION TRAINING PROGRAMME

Date:
21 August 2026

Venue:
**MESH Consultancy & Training Centre, Simpang
Ampat, Penang**

COURSE FEE:

RM864

inclusive of SST & course notes

Payment options:

Self-pay / Company / HRD SBL-Khas



Click [HERE](#) to register or
scan QR code above

**FREE 3-months
access to
AvaloWorks
5 DOSH CEP Points**

AI-NATIVE SAFETY & COMPLIANCE · BUILT FOR  MALAYSIA

Stay inspection-ready. Automatically.

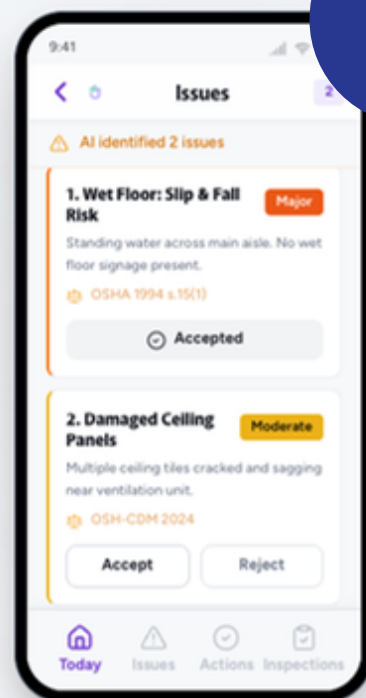
Snap a photo. AvaloWorks writes the finding, cites the relevant OSHA 1994 clause, assigns the CAPA, and builds the evidence pack. 60 seconds. DOSH-ready.

[Start free trial →](#)

[Book a demo](#)

14-day free trial · No credit card required

ALIGNED WITH · OSHA 1994 · ISO 45001 · DOSH · SOCSO



MESH

TRAINER PROFILE

DARSHILLAN RAMACHANDRAN

- First Class Honours Mechanical Engineering graduate from the University of New South Wales and registered with Board of Engineers Malaysia (BEM).
- Certified in ISO 45001, ISO 22301, Greenhouse Gas (GHG) management, and Responsible Business Alliance (RBA) compliance.
- DOSH Registered Trainer and Ergonomics Trained Person (ETP) for workplace ergonomics risk assessments.
- Former Project Mechanical Engineer at PETRONAS, involved in major offshore oil & gas projects.
- Experienced in EHS, PTW approval, PHA, HAZID, HAZOP, and process safety assessments.
- Over 8 years of experience in OSH, ergonomics, ISO systems, regulatory compliance, and business continuity management.

REUBEN LEE

- Founder & Managing Director of AvaloWorks, an AI-powered WSH compliance platform for manufacturing, construction, marine, shipyard, and other high-risk industries across Malaysia and Singapore.
- Former Founder & CEO of a venture-backed computer vision AI startup (2017-2025), building end-to-end machine learning pipelines from dataset curation and model training through to production deployment, scaling to over 2 million users worldwide.
- Over 15 years of experience building and scaling digital products to millions of users.
- Computing and Information Systems graduate from the National University of Singapore.

AI-NATIVE SAFETY & COMPLIANCE · BUILT FOR  MALAYSIA

Stay inspection-ready. **Automatically.**

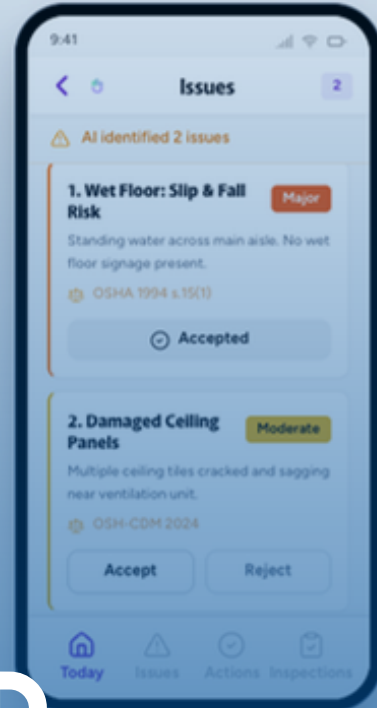
Snap a photo. AvaloWorks writes the finding, cites the relevant OSHA 1994 clause, assigns the CAPA, and builds the evidence pack. 60 seconds. DOSH-ready.

Start free trial →

Book a demo

14-day free trial · No credit card required

ALIGNED WITH · OSHA 1994 · ISO 45001 · DOSH · SOCSO



TECHNOLOGY BASED OCCUPATIONAL SAFETY & HEALTH (OSH) INSPECTION

1 Day Programme

HRD Corp Claimable Course No.: 10001690418



MOSHPA 5-Star OSH
Training Provider



HRD Corp Registered
and Claimable



TECHNOLOGY BASED OCCUPATIONAL SAFETY & HEALTH (OSH) INSPECTION

EXECUTIVE SUMMARY

An effective inspection of your workplaces be it an office, factories, warehouse, workshops, plant and construction site is paramount in saving lives at workplace. The enhanced Occupational Safety & Health Act 1994 and its respective Regulations have prescribed that it is the responsibility of every employer to ensure as far as practicable that all workplaces and its facilities, machinery and working condition are safe for all employees use.

This course aims to equip participants with the necessary knowledge and skills to carry out an effective OSH inspection at the workplace.

In addition, this course introduces participants to a new, industry leading mobile application Avaloworks, that can be used for all your EHS inspection needs.

Objectives

Upon completion of this course, participants will be able to:



- Be aware of the OSH risk in common machineries used in manufacturing or construction industry
- Apply the main principals of engineering inspection methods and conduct an effective factory & construction inspection.
- Identify standards and governing legislation
- Plan and conduct an effective inspection program with the help of Avaloworks application.

Who Should Attend

- Safety & Health Officers/Supervisor/Executives/Engineers
- Maintenance/Facilities Managers
- Equipment Engineers
- Site Safety & Health Members
- Factory/Construction Site Inspectors.
- Internal auditors



Methodologies

- Presentations
- Workshop & Discussions
- Q&A





COURSE OUTLINE

Time	Training Activities
09:00 am – 09:15 am	Introduction & General Briefing • Course objective • Pre-Test • Overview of OSHA 1994
09:15 am – 10:00 am	Legal and International Standards Requirement with regards to OSH Inspections • Understanding OSH 1994 • Employer/Employee Responsibility, Accountabilities for OSH • ISO 45001, Responsible Business Alliance (RBA)
10:00 am – 10:30 am	Introduction to hazards in the workplaces • Physical • Chemical • Biological • Ergonomics • Psychosocial
10:30 am – 10:45 am	<i>Coffee Break</i>
10:45 am – 11:15 am	Class Activity –Workshop on OSH Common Issues in the Workplace
11:15 am – 12:30 pm	OSH Inspection Requirement. • Frequency of inspection • What to look out for? • Inspection materials. • Competency/Knowledge of inspectors • Inspection methods and • Reporting
12:30pm – 01:30 pm	<i>Lunch Break</i>



COURSE OUTLINE

Time	Training Activities
01:30 pm – 2:30 pm	Introduction using Avaloworks Mobile Application & Software for OSH Inspection • Artificial Intelligence (AI) Overview • Avaloworks EHS Modules • Dashboards • Reporting and Records Management
02:30 pm – 03:30 pm	Demonstration of Avaloworks Mobile Application
03:30 pm – 03:45 pm	<i>Tea Break</i>
03:45 pm – 04:15 pm	Account Set-up and Onboarding of Participants
04:15 pm – 04:30 pm	Inspection Reporting using Avaloworks
04:30 pm – 05:00 pm	Q & A Session

Meridian Polymers — Klang Manufacturing Plant ▾

Performance review for Meridian Polymers — Klang Manufacturing Plant

Apr 1 – Apr 10, 2026 Compare

This Month

 **Inspect.**

0%

1 Permits
All on schedule

[View All >](#)

● 2 Critical ● 6 Major ● 7 Moderate ● 1 Minor

Oldest
3 d

Hazard 14 open ●●●●●
Shop floor

 Capture issue

Pro

Inspections

Manager • Meridian Polymers ...

[View All >](#)

● 2 Critical ● 6 Major ● 7 Moderate ● 1 Minor

Oldest
6_d

Chase Overdue

0 7

No recurring patterns detected

3 **Near Miss** 1 open ●
 ☹️ Klang Plant — Raw Material Warehouse, Bay 4 entrance

🔥 **Hotspot:** shop floor (3 issues in 30d)

0 7

Ahmad Razali You

 Capture issue

APP PREVIEW

Issues

Review and manage reported observations

Meridian Polymers — Klang Manufacturing Plant + Report Issue

2 critical issue(s) may require stopping work

Triage 2 Assign Actions 2 Investigate 2 Overdue 7 Mine 16 All 16

PHOTO	TITLE	TYPE	SEVERITY	STATUS	REPORTER	REPORTED	LOCATION
	Obstructed Fire Extinguisher New	Hazard	Moderate	Action Required	Ahmad Razali	Today Apr 10	Factory floor
	Improperly stored chemical containers	Hazard	Major	Action Required	Ahmad Razali	2d ago Apr 8	production floor
	Obstructed Fire Extinguisher	Hazard	Moderate	Action Required	Ahmad Razali	3d ago Apr 7	warehouse
	Wet and contaminated floor surface	Hazard	Moderate	Action Required	Ahmad Razali	3d ago Apr 6	shop floor
	Unsecured batteries and charging equipment	Hazard	Minor	Action Required	Ahmad Razali	3d ago Apr 6	

Capture issue

Inspections

+ Start Inspection

Active (2) History

All 4 Passed Needs Work Failed

Showing 4 completed inspections Export

Inspection	Category	Score	Completed	Completed By	Actions
Daily Workplace Housekeeping Inspection Meridian Polymers — Klang Manufacturing Plant	General	93%	31 Mar 2026	Ahmad Razali	-
Daily Workplace Housekeeping Inspection Meridian Polymers — Klang Manufacturing Plant	General	79%	31 Mar 2026	Ahmad Razali	-
Fire Safety Inspection Meridian Polymers — Klang Manufacturing Plant	Safety	80%	29 Mar 2026	Ahmad Razali	-
Fire Safety Inspection Meridian Polymers — Klang Manufacturing Plant	Safety	87%	29 Mar 2026	Ahmad Razali	-

APP PREVIEW

