



**Jabatan Keselamatan dan Kesihatan Pekerjaan Malaysia
(Department Of Occupational Safety And Health Malaysia)**



Seminar Kebangsaan Keselamatan dan Kesihatan Pekerjaan 2016 OSH – Are We Doing Enough?

**Topic: Systemic Occupational Health Enhancement
Level Programme – Enhancing Hygiene Industry**



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DEPARTMENT OF OCCUPATIONAL SAFETY AND HEALTH

Ministry of Human Resources, Malaysia.

'Towards a Safe and Healthy Culture'



**Jabatan Keselamatan dan Kesihatan Pekerjaan Malaysia
(Department Of Occupational Safety And Health Malaysia)**

SCOPE OF PRESENTATION

1. Introduction to Occupational Health Division,
Department of Occupational Safety and Health
Malaysia.
2. Statistic on Occupational Diseases in Malaysia –
Where we NOW?
3. Way Forward –
 - a. Systemic Occupational Health Enhancement Level
Programme - To Enhance Hygiene Industry in Malaysia.



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Organization Chart (Carta Organisasi)



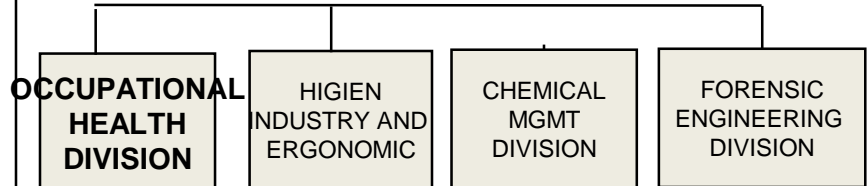
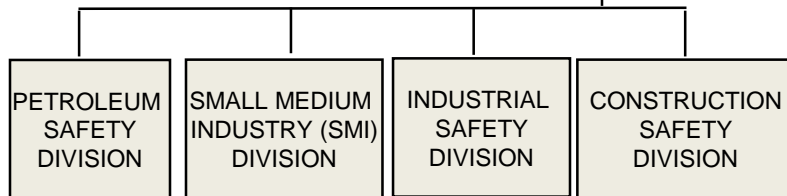
**DIRECTOR GENERAL
(KETUA PENGARAH)**



**DEPUTY DIRECTOR GENERAL (Occ. Safety)
(TIMBALAN KETUA PENGARAH)**



**DEPUTY DIRECTOR GENERAL (Occ. Health)
(TIMBALAN KETUA PENGARAH)**



Legal Advisor

CORPORATE
SERVICES
DIVISION

POLICY, INTERNATIONAL AND
RESEARCH DEVELOPMENT
DIVISION

NATIONAL COUNCIL
OF OCCUPATIONAL
SAFETY AND HEALTH

STATE OFFICE DIRECTOR (14)

Head of Branch Office (5)



Struktur Organisasi
Bahagian Kesihatan Pekerja
Jabatan Keselamatan dan Kesihatan Pekerjaan Malaysia

The main objectives of this division :

To enforce occupational health related legal requirements and encourage the adoption of health promotion and health protection in all workplaces.

Division consists of 2 sections, namely **the Occupational Medicine Section** and **Accreditation Section**.

Bil.	Pegawai	Jumlah
1.	Pegawai Perubatan (Medical Officer)	18
2.	Ketua Jururawat (Head Nurse)	15
3.	Jururawat (Nurse)	13
Jumlah Keseluruhan (Total)		46

Reference: Statistics of Employment and Labour, Ministry of Human Resources
Labour Force in Malaysia for the year 2014-14 million workers

Loss of hearing tops list of occupational diseases

MELAKA: Noise-induced hearing loss tops the list of occupational diseases last year with 956 cases, Human Resource Ministry secretary-general, Datuk Seri Zainal Rahim Seman said yesterday.

He said based on statistics by the Department of Occupational Safety and Health (DOSH), the second highest was occupational lung diseases, with 11 cases, followed by musculoskeletal disorders (MSDs), with 95 cases.

Most of the cases were reported in the manufacturing sector, he said in his speech when opening the World Day For Safety And Health at Work at Dataran Ayer Keroh here today.

As such, he expressed the need for employers in all sectors and industries to further upgrade aspects on the safety and health of their workers by providing a conducive and safe working environment.

The rapid global and technological development have changed the work pattern with most activities, mostly done manually before, replaced with advanced and sophisticated machines, he added.

— Bernama

Functions of Occupational Health Division

Investigate any occupational related disease and poisoning notifications reported to DOSH using JKKP 7 Form based on Occupational Safety and Health (Notification of Accident, Dangerous Occurrence, Occupational Poisoning and Occupational Disease Regulations - NADOPOD) 2004





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(Department Of Occupational Safety And Health Malaysia)

Definition of Occupational Diseases

According to the Protocol of 2002 to the Occupational Safety and Health Convention, 1981 (No. 155), the term **“Occupational Disease”** covers **any disease contracted as a result of an exposure to risk factors arising from work activity.**



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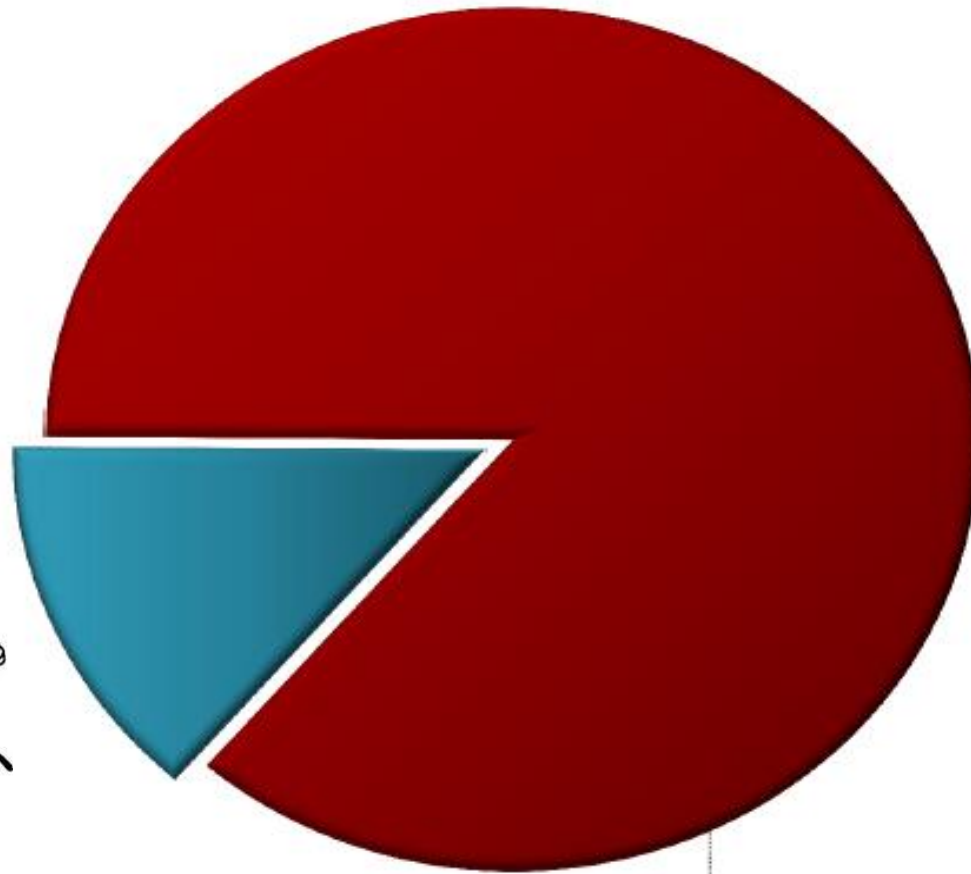
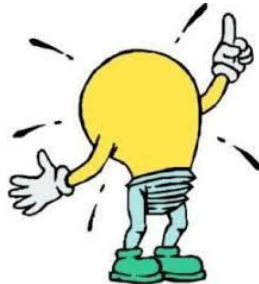
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Ministry of Human Resources, Malaysia.

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 **Fatal Accidents**
321,000
14%

 **Fatal Diseases**
2.02 million
86%



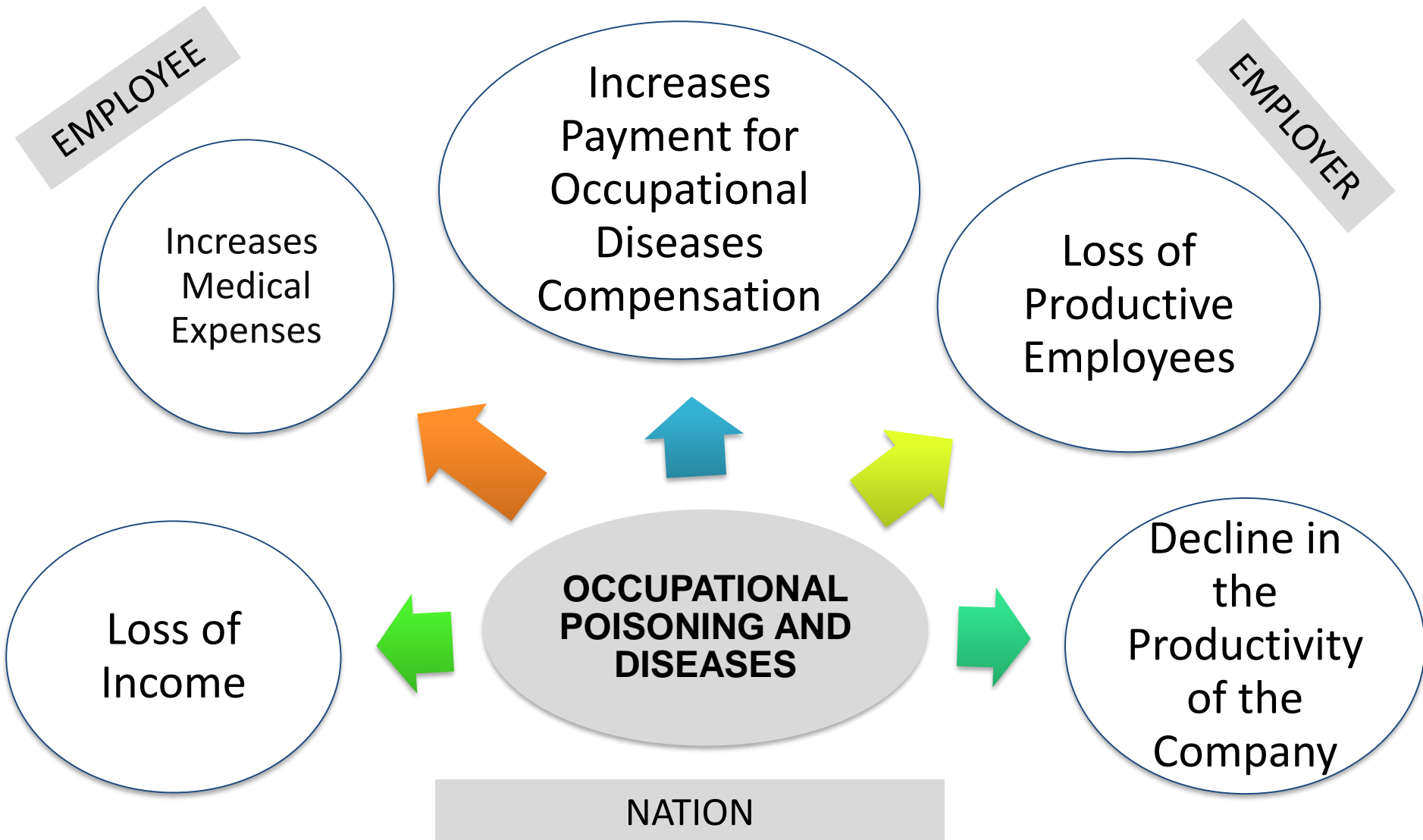
Work-related accidents and diseases
2.34 million

The Impact of
Occupational Safety
VS
The Impact of
Occupational Health

The Hidden Epidemic: Global Picture

Reference: ILO-The Prevention of Occupational Diseases

MODEL ON THE EFFECTS OF OCCUPATIONAL DISEASES



JKKP



DOSH

Jabatan Keselamatan dan Kesihatan Pekerjaan
Kementerian Sumber Manusia

*Department of Occupational Safety and Health
Ministry of Human Resources*

Statistic on Occupational Diseases in Malaysia (Statistik Penyakit Pekerjaan di Malaysia)

Occupational Safety and Health (Notification of Accident,
Dangerous Occurrence, Occupational Poisoning and
Occupational Disease Regulations - NADOPOD) 2004



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Statistic of Occupational Poisoning and Diseases From The Year 2005 – 2015

YEAR	NO. OF CASES	
2005	319	NADOPOD
2006	420	
2007	594	
2008	545	OSHMP 2015
2009	791	
2010	1426	
2011	1198	OSHMP 2020
2012	1792	
2013	2588	
2014	2648	
2015	5960	
JUMLAH	18,281	

STATISTICS OF OCCUPATIONAL POISONING AND DISEASES BY TYPE OF DISEASES FOR THE YEAR 2015 (BASED ON NOTIFICATIONS)

Type of Diseases	Number of Cases Received
Occupational Lung Diseases (OLD)	126
Occupational Skin Diseases (OSD)	46
Occupational Noise Induced Hearing Loss (NIHL)	5366
Occupational Muscular - Skeletal Disorders (OMD)	249
Occupational Poisoning	32
Disease cause by Physical Agent	5
Disease cause by Biological Agent	73
Occupational Cancer	3
Psychosocial Disorders	2
Other Types of Occupational Diseases	19
Non Occupational Diseases	39
Total Cases	5960

STATISTICS OF OCCUPATIONAL POISONING AND DISEASES BY SECTOR OF INDUSTRY FOR THE YEAR 2015 (BASED ON INVESTIGATIONS)

	Pengilangan	Kuari Lombong	Perladangan	Kemudahan	Kewangan Servis	Perkhidmatan Awam
Occupational Lung Diseases (OLD)	7	6	3	1	5	67
Occupational Skin Diseases (OSD)	11	1	0	0	0	14
Occupational Noise Induced Hearing Loss (NIHL)	3085	88	103	65	10	15
Occupational Muscular - Skeletal Disorders (OMD)	96	0	2	6	18	5
Occupational Poisoning	14	0	9	0	2	0
Disease cause by Physical Agent	0	0	0	0	0	0
Disease cause by Biological Agent	1	0	2	2	4	40
Occupational Cancer	0	0	0	0	1	0
Psychosocial Disorders	1	0	0	0	0	0
Other Types of Occupational Diseases	4	1	1	0	0	0
Non Occupational Diseases	268	13	2	3	10	8

The Way Forward

Pelan Induk Keselamatan dan Kesihatan Pekerjaan 2016 – 2020 (Occupational Safety and Health Master Plan (OSHMP) 2016 – 2020)

Sasaran Tahun 2020



Pengurangan
kadar kematian
4.36/100,000
pekerja



Pengurangan
kadar kemalangan
2.53/1000
pekerja



Peningkatan pelaporan
penyakit & keracunan
pekerjaan
30%



JKKP

Jabatan Keselamatan dan Kesihatan Pekerjaan
Kementerian Sumber Manusia



DOSH

Department of Occupational Safety and Health
Ministry of Human Resources

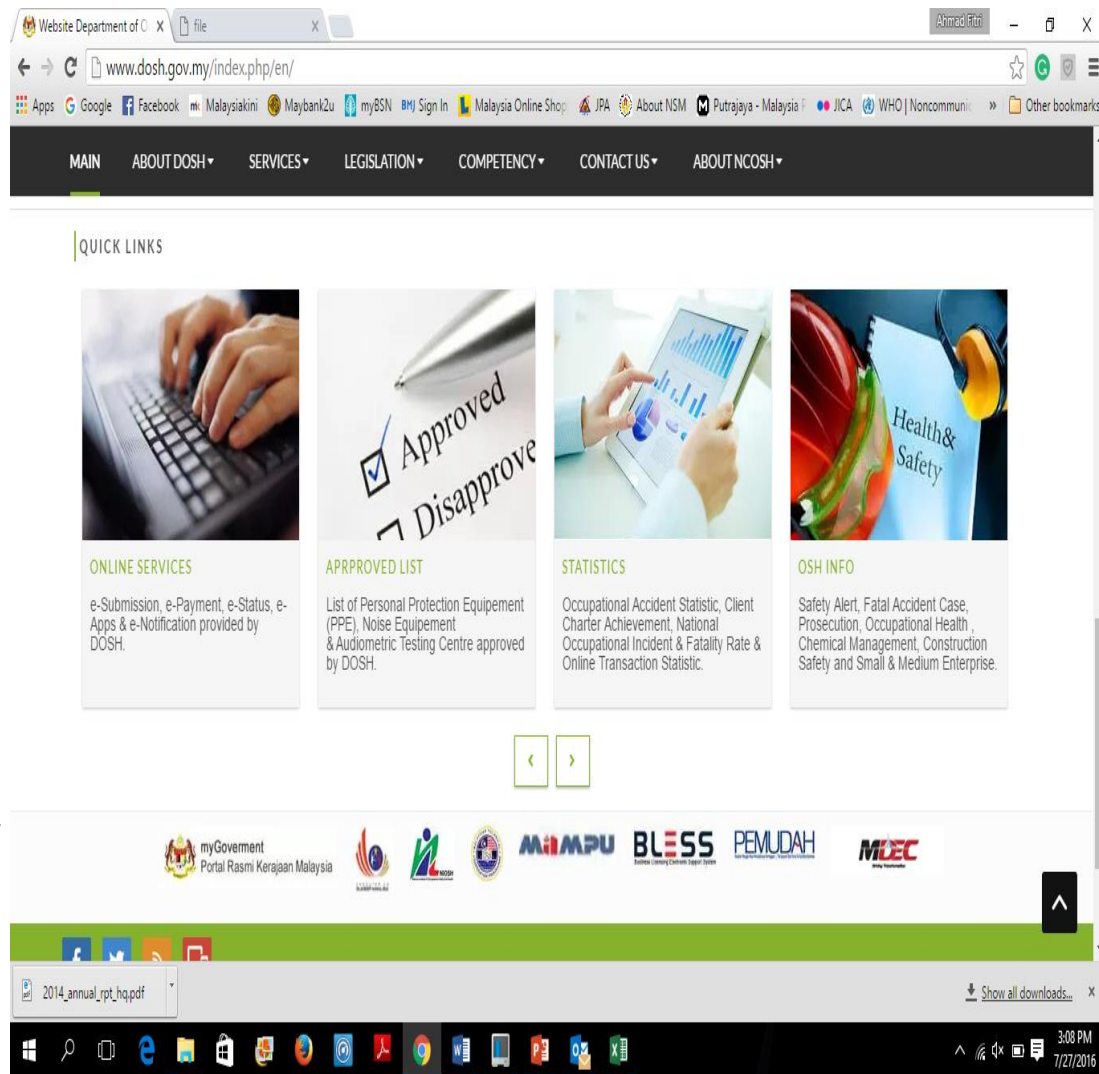
Online Notification of Occupational Poisoning and Diseases (e-JKKP7) for Department of Occupational Safety and Health Malaysia

Website:

www.dosh.gov.my

Link: ejkkp7.dosh.gov.my/ejkkp7

Google: ejkkp7



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'Towards a Safe and Healthy Culture'

Systematic Occupational Health Enhancement Level Programme (SOHELP)



- **Objective:**

- a. Significant workplace improvement in preventing occupational diseases;
- b. To increase awareness among OSH practitioners; and
- c. Implementation of IH regulations in high risk workplaces.

Overview of Systematic Occupational Health Enhancement Level Programme (SOHELP)

Programme Based on Hazards: (Noise/ Ergonomic/ Chemical)

LEVEL	Hearing Conservation Programme
5 (EXCELLENT)	<ul style="list-style-type: none">• Baseline/ Annual audiometric test• Hearing conservation campaign• No new cases of occupational disease
4 (ADVANCE)	<ul style="list-style-type: none">• Audiometric testing• Provide instruction & training to workers• Implement administrative & engineering control
3 (INTER-MEDIATE)	<ul style="list-style-type: none">• Identify Hearing Protection Zone• Provide warning signs• Provide PPE• Provide information regarding hazard at the workplace
2 (BASIC)	<ul style="list-style-type: none">• PIC attended the training programme• Conduct HIRARC (Risk Assessment) at the Workplace
1 (ENTRY)	<ul style="list-style-type: none">• Commitment From Management To Implement The Program• Appointed Person- in-Charge (PIC)

Role of DOSH

Role of Company

START

1

Invitation on involvement in SOHELP

2

Training for SHO (Enabler)/DOSH Officer (Verifier)

3

SHO give training to SHC and workers

4

Workplace Inspection base on SOHELP's
Checkpoint

5

Implement intervention programs to follow
SOHELP's criteria

6

Visit company and decide implementation level
(SOHELP checkpoint)

10
times

Coaching/ consultation
(level 1 to 5)

NO

Up to level 5?

YES

7

Give CEP to SHO and certificate of participation to
company

END

**FIGURE 1 :
METHODOLOGY OF
SOHELP
Implementation
Model**

Target:

Metal, Chemical and Electronic based

Pre-requisite:

Have SHO

Have SHC

Agree to give high commitment by top management (signature)

SOHELP IMPLEMENTATION IN THE MANUFACTURING INDUSTRY



SOHELP IMPLEMENTATION IN THE MANUFACTURING INDUSTRY



Mengalih dan menyusun tong bahan kimia secara manual



Menggunakan pam dan paip. Tidak perlu mengalih tong bahan kimia



Troli produk yang tidak teratur dan menggunakan banyak ruang



Penggunaan "overhead conveyor" untuk memindahkan produk ke bahagian pembungkusan



Terima Kasih!

Dr. Ahmad Fitri Abdullah Hair

Medical Officer and Director,
Occupational Health Division,
Department of Safety and Health Malaysia,
Ministry of Human Resources of Malaysia,
Federal Government Administrative Centre
Putrajaya.

☎ 03-88711272

☎ 03-88892339

✉ ahmadfitri@mohr.gov.my

Official Website: www.dosh.gov.my