



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  
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## **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)



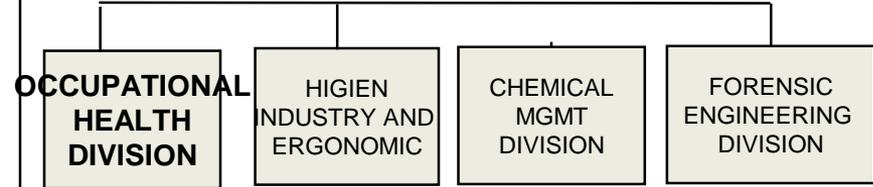
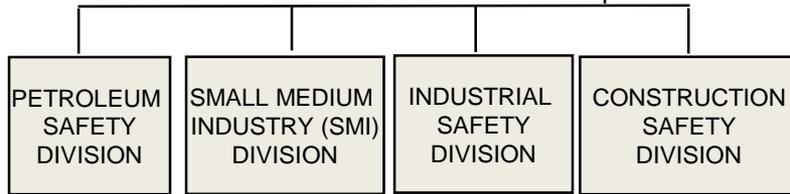
**DIRECTOR GENERAL  
(KETUA PENGARAH)**



**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 Pekerjaan**  
**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**.

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

**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.

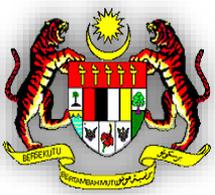
The rapid global and technological development have changed the work pattern with most activities, mostly done manually before, replaced with advanced and sophisticated machines, he added.

— 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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## 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.**

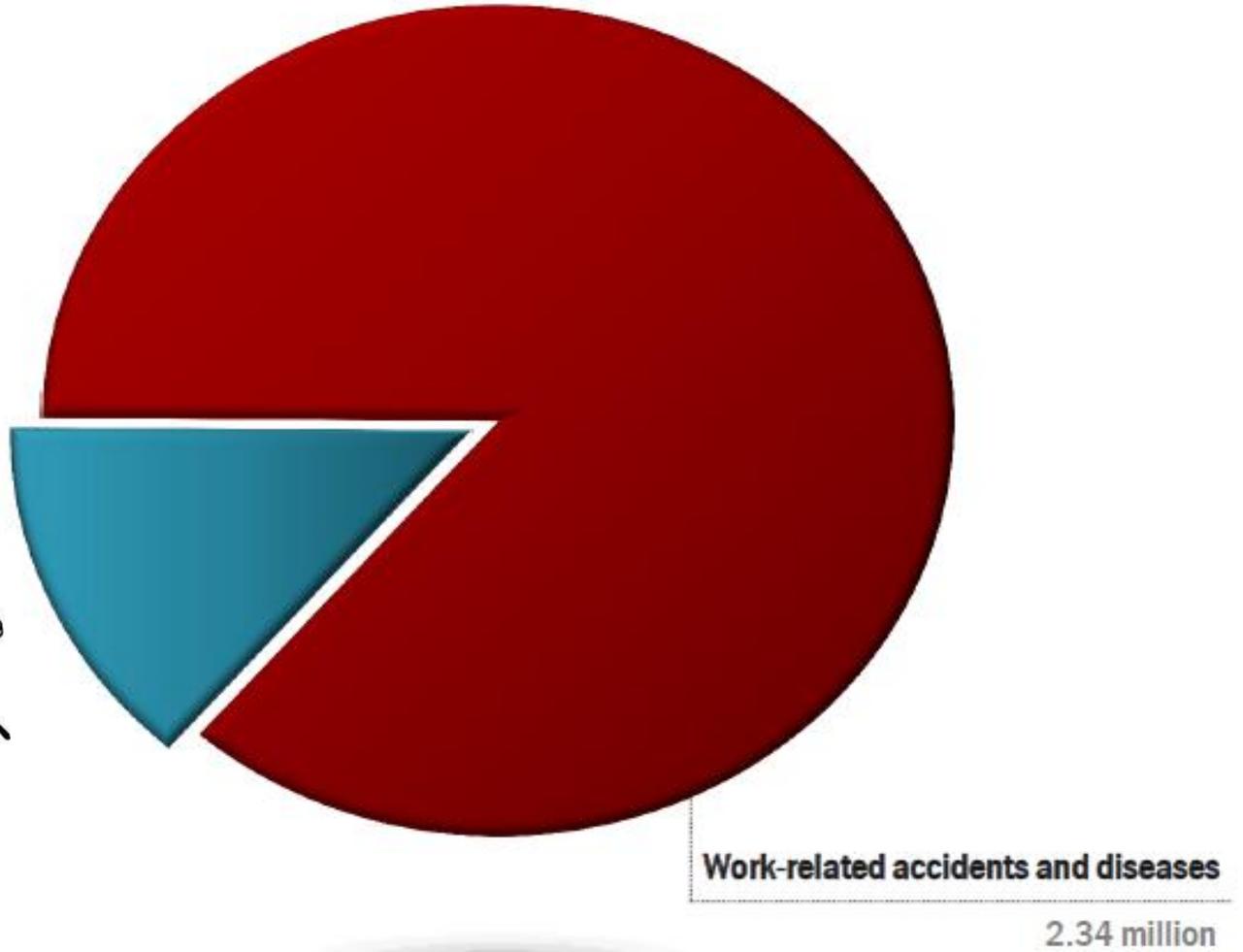
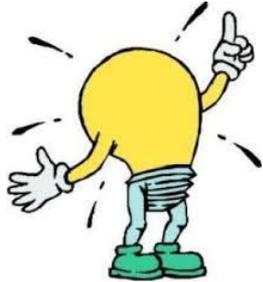


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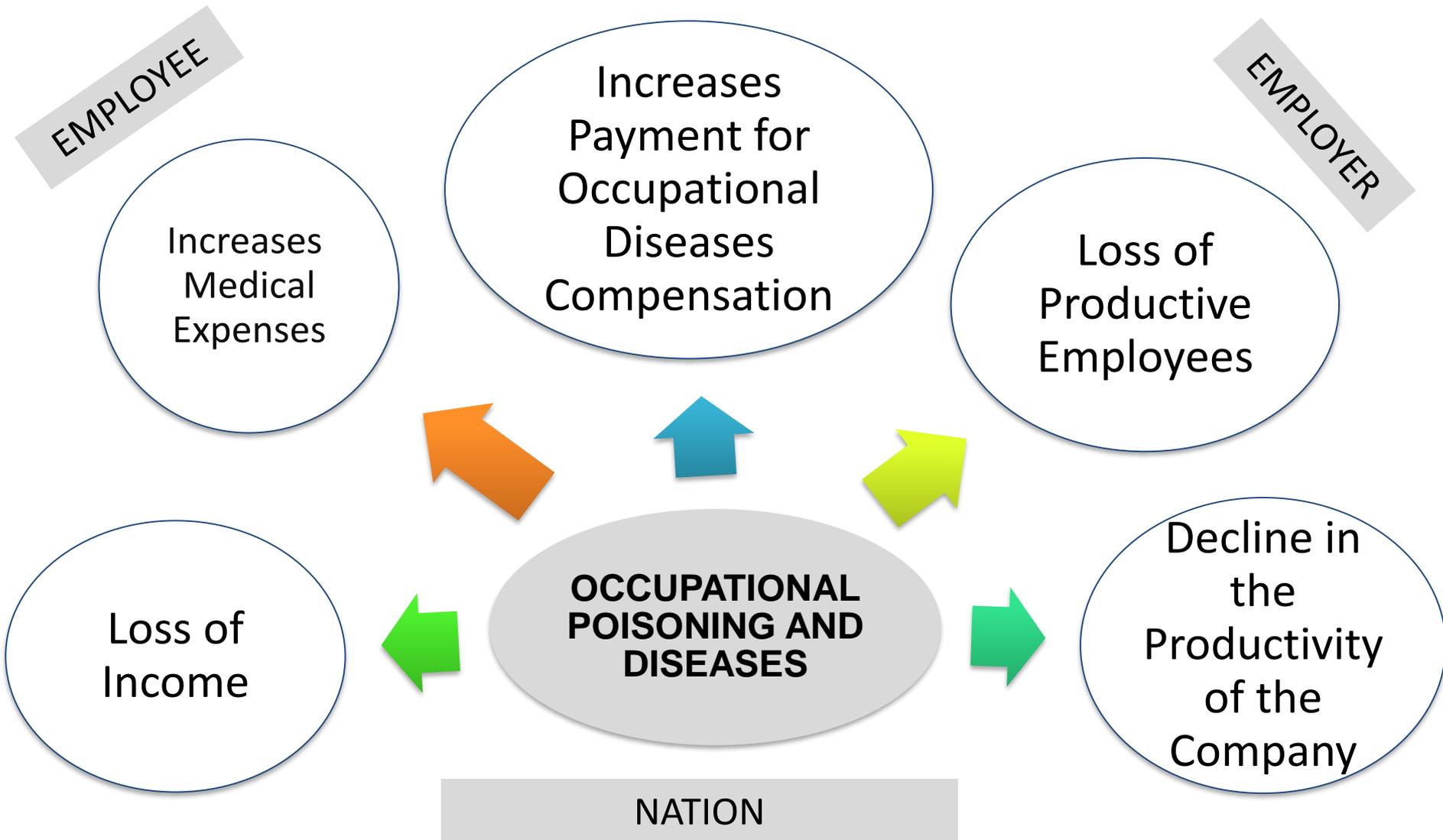


The Impact of  
Occupational Safety  
VS  
The Impact of  
Occupational Health

# The Hidden Epidemic: Global Picture

Reference: ILO-The Prevention of Occupational Diseases

# MODEL ON THE EFFECTS OF OCCUPATIONAL DISEASES



# JKKP



# DOSH

Department of Occupational Safety and Health  
Ministry of Human Resources

Jabatan Keselamatan dan Kesihatan Pekerjaan  
Kementerian Sumber Manusia

## Statistic on Occupational Diseases in Malaysia (Statistik Penyakit Pekerja 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	
<b>JUMLAH</b>	<b>18,281</b>	

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

Type of Diseases	Number of Cases Received
<b>Occupational Lung Diseases (OLD)</b>	<b>126</b>
Occupational Skin Diseases (OSD)	46
<b>Occupational Noise Induced Hearing Loss (NIHL)</b>	<b>5366</b>
<b>Occupational Muscular - Skeletal Disorders (OMD)</b>	<b>249</b>
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
<b>Total Cases</b>	<b>5960</b>

# 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
<b>Occupational Lung Diseases (OLD)</b>	<b>7</b>	<b>6</b>	<b>3</b>	<b>1</b>	<b>5</b>	<b>67</b>
<b>Occupational Skin Diseases (OSD)</b>	11	1	0	0	0	14
<b>Occupational Noise Induced Hearing Loss (NIHL)</b>	<b>3085</b>	<b>88</b>	<b>103</b>	<b>65</b>	<b>10</b>	<b>15</b>
<b>Occupational Muscular - Skeletal Disorders (OMD)</b>	<b>96</b>	<b>0</b>	<b>2</b>	<b>6</b>	<b>18</b>	<b>5</b>
<b>Occupational Poisoning</b>	14	0	9	0	2	0
<b>Disease cause by Physical Agent</b>	0	0	0	0	0	0
<b>Disease cause by Biological Agent</b>	1	0	2	2	4	40
<b>Occupational Cancer</b>	0	0	0	0	1	0
<b>Psychosocial Disorders</b>	1	0	0	0	0	0
<b>Other Types of Occupational Diseases</b>	4	1	1	0	0	0
<b>Non Occupational Diseases</b>	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



# DOSH

Department of Occupational Safety and Health  
Ministry of Human Resources

Jabatan Keselamatan dan Kesihatan Pekerjaan  
Kementerian Sumber Manusia

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

**Website:**  
**[www.dosh.gov.my](http://www.dosh.gov.my)**

**Link:** [ejkkp7.dosh.gov.my/ejkkp7](http://ejkkp7.dosh.gov.my/ejkkp7)  
**Google:** [ejkkp7](http://ejkkp7)

The screenshot shows the homepage of the Department of Occupational Safety and Health (DOSH) website. The browser address bar displays [www.dosh.gov.my/index.php/en/](http://www.dosh.gov.my/index.php/en/). The navigation menu includes links for MAIN, ABOUT DOSH, SERVICES, LEGISLATION, COMPETENCY, CONTACT US, and ABOUT NCOSH. The main content area features a 'QUICK LINKS' section with four categories: ONLINE SERVICES (e-Submission, e-Payment, e-Status, e-Apps & e-Notification), APPROVED LIST (List of Personal Protection Equipment, Noise Equipment & Audiometric Testing Centre), STATISTICS (Occupational Accident Statistic, Client Charter Achievement, National Occupational Incident & Fatality Rate, Online Transaction Statistic), and OSH INFO (Safety Alert, Fatal Accident Case, Prosecution, Occupational Health, Chemical Management, Construction Safety and Small & Medium Enterprise). The footer contains logos for myGovernment, MAMPU, BLESS, PEMUDAH, and MDEC. The Windows taskbar at the bottom shows the date and time as 3:08 PM on 7/27/2016.



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# 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)

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

## 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**

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Department of Safety and Health Malaysia,  
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