DEPARTMENT OF OCCUPATIONAL SAFETY AND HEALTH (DOSH), MALAYSIA

THE COUNTRY REPORT - MALAYSIA
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03 OSH Statistic

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## OVERVIEW OF MALAYSIA

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<thead>
<tr>
<th>Statistic</th>
<th>Value</th>
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</thead>
<tbody>
<tr>
<td>Total Population</td>
<td>32.049 Mil</td>
</tr>
<tr>
<td>Labour Force</td>
<td>14.7 Mil</td>
</tr>
<tr>
<td>Gross Domestic Product (GDP) (PPP)</td>
<td>USD 1.002 Tri</td>
</tr>
<tr>
<td>GDP (nominal)</td>
<td>USD 364.919 Bil</td>
</tr>
<tr>
<td>GDR Growth Rate</td>
<td>5 - 5.59</td>
</tr>
<tr>
<td>Per capital Income</td>
<td>USD 11,237</td>
</tr>
<tr>
<td>Inflation Rate</td>
<td>2 - 3.09</td>
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</table>
The Ministry of Human Resources, is a ministry of the Government of Malaysia that is responsible for skills development, labour, occupational safety and health, trade unions, industrial relations, industrial court, labour market information and analysis, social security.
DEPARTMENT OF OCCUPATIONAL SAFETY AND HEALTH (DOSH)

• DOSH is responsible for ensuring the safety, health and welfare of people at work as well as protecting other people from the safety and health hazards arising from the activities sectors which include:
  • Manufacturing
  • Mining and Quarrying
  • Construction
  • Hotels and Restaurant
  • Agriculture, Forestry and Fishing
  • Transport, Storage and Communication
  • Public Services and Statutory Authorities
  • Utilities - Gas, Electricity, Water and Sanitary Services
  • Finance, Insurance, Real Estate and Business Services
  • Wholesale and Retail Trades

• Objectives
  To prevent industrial accidents and occupational diseases by the year 2020 through:
  ▪ Reduction in rate of fatalities to 4.36/100,000 workers;
  ▪ Reduction in rate of accidents to 2.53/1000 workers; and
  ▪ Increase in reporting of occupational diseases and poisoning among workers by 30%.

• DOSH is responsible for the administration and enforcement of legislations related to occupational safety and health of the country, with a vision of becoming an organization which leads the nation in creating a safe and healthy work culture that contributes towards enhancing the quality of working life.
FUNCTION OF DOSH

• To study and review the policies and legislations of occupational safety and health.

• To enforce the following legislations:
  a) Occupational Safety and Health Act 1994 and its regulations.
  b) Factories and Machinery Act 1967 and its regulations.
  c) Petroleum Act 1984 (Safety Measures) and its regulations.

• To conduct research and technical analysis on issues related to occupational safety and health at the workplace.

• To carry out promotional and publicity programs to employers, workers and the general public to foster and increase the awareness of occupational safety and health.

• To become a secretariat for the National Council regarding occupational safety and health.
1. STANDARD SETTING

1. Drafting Policy, Act, Regulation, ICOP & Guidelines
2. Collecting and analyzing OSH statistic
3. Access and ratify ILO Covensyen
4. Research dan development

ENFORCEMENT

3. Act
28. Regulations
5. Order
2. Convention ILO
8. Industry code of practices (ICOP)
64. Guidelines
26. Research OSH

PROMOTION
### Enforcement

#### Advisor
- Provide advice, information and guidance

#### Approval
- Issues approval, consent and recognition

#### Awareness
- Giving awareness in the place of work

#### Inspection
- Conduct inspections, investigation and monitoring

#### Punitive
- Take legal action

#### Numbers
- **29,307** Inspection of place of works (General)
- **62,784** Inspection of place of works (Specific)
- **252,099** Enforcement of machinery
- **3,651** Investigation of complaint / Accident
- **58,975** Punitive
- **8,125** SME Awareness program
2.1 INSPECTION OF PLACE OF WORKS

1. Inspection notice
   - Date and time to inspection.

2. Interview
   - Employer
   - Management
   - Employee

3. Document Inspection
   - Document related to OSH

4. Physical Inspection
   - Work activities inspection

5. Discussion
   • Feedback of inspection

6. Legal action
   • Letter of direction
   • Notice of improving and prohibition
   • Compound
   • Prosecution

7. Further inspection
   • Inspection of compliances (Letter of direction and notice)

8. System & Policy
   • Enforcement of policy
   • QK KP – Procedures and work instruction
   • MyK KP – Inspection of information system
2.2 INSPECTION OF MACHINERY

1. Design approval
2. Installation and fabrication
3. Testing
4. Registration and first inspection
5. Regular inspection
6. Repair approval
7. Disposal
8. System MyKKP / QKKP
3. PROMOTION

- **3,057** Talk
- **1,102** Exhibition
- **62** Seminars
- **408** Dialogue
- **72** TV/Radio
- **143** Publication

**OSH to potential employees**
**Centre of information**
**Multi variety platform**
**Smart partnership**
**OBJECTIVE**

- Increase awareness of employer and employee responsibilities
- Promoting a safe and healthy working environment

**DATE**

02 May 2018

**TOTAL PARTICIPANT**

800 place of works

**ACHIEVEMENT**

- Malaysia Book of Record as Largest Simultaneous Safety Briefing (Toolbox Talk)
- Total of number 52,494 persons from employer, employees and competent person
OSH MEGA TOOL BOX
The objectives -

- To communicate the importance message of practicing preventive culture;
- To promote HIRARC’s concepts to employers and employees all over the country;
- To adopt the HIRARC concept at workplace; and
- To reduce accident rate at workplaces in 2018.
**National Occupational Accident Rate 2005-2017**

**Occupational Diseases & Poisoning 2005 – 2017**

*Source from PERKESO, JTK dan JKKP*
IMPACT OF OCCUPATIONAL ACCIDENT AND DISEASES 2017

HAZARDS
- Physical hazards
- Chemical Hazard
- Biological hazards
- Psychosocial hazards

PREVENT
- Accident per day: 116
- Non-Fatal: 42,513
- Fatal: 711
- Disease and poisoning case per day: 21
- Fatality per day: 2

DIRECT IMPACT
- Local Workers: RM2.7B
- Migrant Workers: RM5.1M

INDIRECT IMPACT
- Accident & diseases costs
- Uninsured costs
- Miscellaneous costs

SOCSO
INSURANCE
Local Workers
RM2.7 B
Migrant Workers
RM5.1 M

Workers
14.7 M
THREE INITIATIVES (STRATEGIES) BY GOVERNMENT

1. Occupational Safety & Health Master Plan 2016 - 2020
2. Building Construction Strategic Plan
3. SME Strategic Plan
OCCUPATIONAL SAFETY AND HEALTH MASTER PLAN 2016-2020 (OSHMP 2020)

Increase Work Environment Index > Malaysian Well-Being Index

OSHMP 2020 TARGETS

FATALITY RATE 4.36/100,000 workers

ACCIDENT RATE 2.53/1,000 workers

REPORT OF OHD + 30%

OCCUPATIONAL SAFETY AND HEALTH MASTER PLAN 2016-2020 (OSHMP 2020) TARGETS

QUALITY OF WORKING LIFE
QUALITY OF LIFE
PRODUCTIVITY

STRATEGY 1
GOVERNMENT LEADERSHIP

STRATEGY 2
STRENGTHENING OSH MANAGEMENT

STRATEGY 3
OSH SHARING AND NETWORKING

STRATEGY 4
MAINSTREAMING INDUSTRIAL HYGIENE

STRATEGY 5
INTERNATIONAL OSH STRATEGIC ALLIANCE

QUALITY OF LIFE

MISSION - TO INCULCATE SAFE AND HEALTHY WORK CULTURE AT WORKPLACES

OWNERSHIP
AWARENESS COMMITMENT

SELF REGULATION
OSH MANAGEMENT
RISK MANAGEMENT
KNOWLEDGE / COMPETENCE

PREVENTATIVE CULTURE
WORKERS RIGHTS
INVOLVEMENT OF WORKERS
DUTIES AND RESPONSIBILITIES
PRINCIPLE OF PREVENTION

Occupational Safety and Health Master Plan 2016-2020 STRATEGIES

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AWARENESS COMMITMENT

SELF REGULATIO
STRATEGIC PLAN IN CONSTRUCTION INDUSTRY 2016-2020

Purpose: support the objective of OSHMP 2020 to reduce accident rate and fatality

Challenge 2018
- 13,151 No. construction
- 75,000 Contractor
- 104 Inspector

Achieve 2017
- 9,984 No. of inspection
- 1,229 Special operation
- 3,141 Improvement notice
- 3,110 Prohibition notice
- 693 Compound & prosecution

OSHCIM
Main Duty Holders
- Client
- Designer
- Principle Contractor

Main principle
1. General Principle of Prevention
2. Competency
3. Cooperation
4. Communication
5. Documentation

OSHIM

- Promoting Preventive Culture
  - Principle OSHICM
  - Risk ownership
  - Comprehensive involvement

- Minimize Project Hazard
  - Role on contractor G7
  - Self-assessment
  - Early regulatory intervention

- Maximize Resource
  - Use technology
  - Effective legislation
  - Effectiveness regulatory intervention

No. of employee 2017: 1.25m
Fatality rate per 100,000 employee

Comparison

<table>
<thead>
<tr>
<th>Year</th>
<th>No. of Employee</th>
<th>Fatality Rate per 100,000 Employee</th>
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<tbody>
<tr>
<td>2017</td>
<td>1.25m</td>
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( ) Total accident fatality in year 2016/17
OSH SCENARIO IN SME, MALAYSIA

To increase OSH knowledge and skills
To provide OSH Compliance support
To promote the preventive culture
To Establish SME Innovation
To enforce OSH effectively
To increase quantity and quality of SME OSH practitioners

STRATEGIC PLAN IN SME 2016-2020

*Source: Statistic Dept of Malaysia

In year 2015
*98.5%

63% Accident

Lack of OSH knowledge
No person appointed to manage OSH
Lack of commitment from employer
Commitment vs Profit dilemma
1. Poor awareness implementing OSH in SME.

- The major obstacle is OSH laws is not covered SME in totally. But DOSH has put efforts on overcoming such issues by developing of guidelines, conduct programs and campaigning of in SMEs.
- DOSH also expand their internal structure to present special division to accommodate necessary info related to SME.
- The aim task to create OSH awareness and commitment among employer / owner of SME.

2. Occupational accident in construction site highest number of fatality.

- Government also introduce Strategic Plan on construction Industry also conduct the research with University Technology Malaysia (UTM) to study the framework on OSH of construction phases.
- This research focusing on future direction of OSH in construction work. Involving OSH in design stage, pre-const also post-const.
- This research also develop module for client (developer), designer (architect), principal contractor also contractor.

3. Reporting of occupational accident by inter-agencies.

- Currently, inter-agencies on progress develop one-stop data reporting system.
- This system will minimize employer to double reporting to agencies.
- The agencies also easy to capture actual number of occupational accident and conduct necessary investigation, and more efficient and sustainable solution to compensation insurance.
GOOD PRACTICE

After DOSH conduct some study with 154 workshop with SME and 2,610 inspection as summarize the obstacles to implement OSH in SME are:

- Lack of knowledge on OSH
- No person is appointed to manage OSH
- Poor commitment from employer / owner
- Dilemma commitment and profit

In Malaysia, we had introduced an Occupational Safety and Health – Coordinator (OSH-C). OSH-C train person in SME sector in 2017 and voluntary basis.

The gap analysis of audit session using the grading system (A, B, C, D and E), and DOSH will be focusing on lower grade of scale which are from grade E, D and C to grade B and A.

As conclusion, DOSH is emphases to introduce OSH-C in SME sector. Since 2017, almost 835 OSH-C appointed by employer / owner of SME. There is on-going process to inculcate OSH in SME sector in order to reduce occupational accident and occupational diseases in Malaysia.
THANK YOU