



Energy & Industry Department
Prime Minister's Office



EIDPMO

Brunei Industry Group

Engagement

Mar 2016



Safety Briefing

- **No drills planned for today**
- **The alarm is a continuous ringing of a bell**
- **In an emergency we evacuate in an orderly fashion**
- **Follow one of the ushers**
- **Assembly Point A**

SAFETY BRIEFING

Mobile phones on silent mode please



Recital of Doa Selamat

DOA SELAMAT



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OPENING REMARKS



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RADIATION ORDER

RADIATION ORDER 2016 (Draft)

[Link](#)



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COMAH REGULATIONS

MATERIAL CHANGES IN SAFETY CASES



MATERIAL CHANGE

“material change” means any change in operations that is significant to require a re-submission of the Safety Case to the Competent Authority, and includes –

- (a) physical changes to the plant;**
- (b) changes to operational parameters of the facility;**
- (c) organisational or staff changes; or**
- (d) change in risk profile;**

Revisions and material changes to Safety Case.

19. (1) A duty holder shall revise a current Safety Case –

- (a) when appropriate;**
- (b) when directed to do so by the competent authority; or**
- (c) in the event of a material change to the Safety Case.**

(2) Any material change to the Safety Case shall not be implemented unless –

- (a) the duty holder has sent the current Safety Case which incorporates the proposed revisions, showing clearly where they are to be made, to the competent authority; and**
- (b) the duty holder has received a new Safety Case Certificate from the competent authority.**



MATERIAL CHANGE

Material Changes are relevant for –

- **Notifications to the Authority**
- **Fixed Facility Safety Cases**
- **Mobile Facility Safety Cases**
- **Combined Operations Safety Cases**

Examples of Material Changes received by the Authority –

Change of Duty Holder

Inclusion of new facility into Fixed Facility Safety Case

Inclusion of new mode of personnel transfer

Movement of a mobile facility across concessionary areas or fields in Brunei under a Combined Operations Safety Case

Other example : “*potentially new method of lifting cargo onto a platform using Heli-lifts.*”

NOTE TO INDUSTRY 2/2016 has been issued 27th January 2016 [LINK](#)



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HSE COMPETENCE CAPABILITY FRAMEWORK

HSE COMPETENCE CAPABILITY FRAMEWORK FOR BRUNEI



HSE FRAMEWORK

I. Workplace Safety and Health Officer (as per WSHO 2009)

- Qualification NEBOSH IGC
- Minimum 2 years relevant work experience
- Registration for COMAH facilities with EIDPMO
- Letter of Registration
- In role, qualified with active oversight 30th Jan 2017

➤ **Labour Directive**

➤ **Note to Industry by EIDPMO**



HSE FRAMEWORK

II. Minimum HSE Awareness Training

- International Minimum Industry Safety Training (IMIST)
- Frontline Supervisors
- 50% by end June 2017
- 100% by end November 2017

“Front line Supervisor” means the most senior person based predominately at the work site, who has been given the authority to manage a group of workers in the execution of a given work scope, and who is responsible for ensuring that all the HS&E requirements pertaining to that work scope are fully understood and implemented.



HSE Training

- IMIST – OPITO (Offshore Petroleum Industry Training Organisation)
- Online training – 4 to 6 hours / do not fail / 9 modules
- 2-day class room training option
- A single cost per license pan Brunei.
- Institute of Brunei Technical Education (IBTE) support
- RTO to be registered with OPITO and the Department of Labour



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OCCUPATIONAL HEALTH

OCCUPATIONAL HEALTH IN BRUNEI

[LINK](#)



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STATUTORY BODY ORDER

GOVERNANCE & COMPLIANCE AUTHORITY (ORDER)

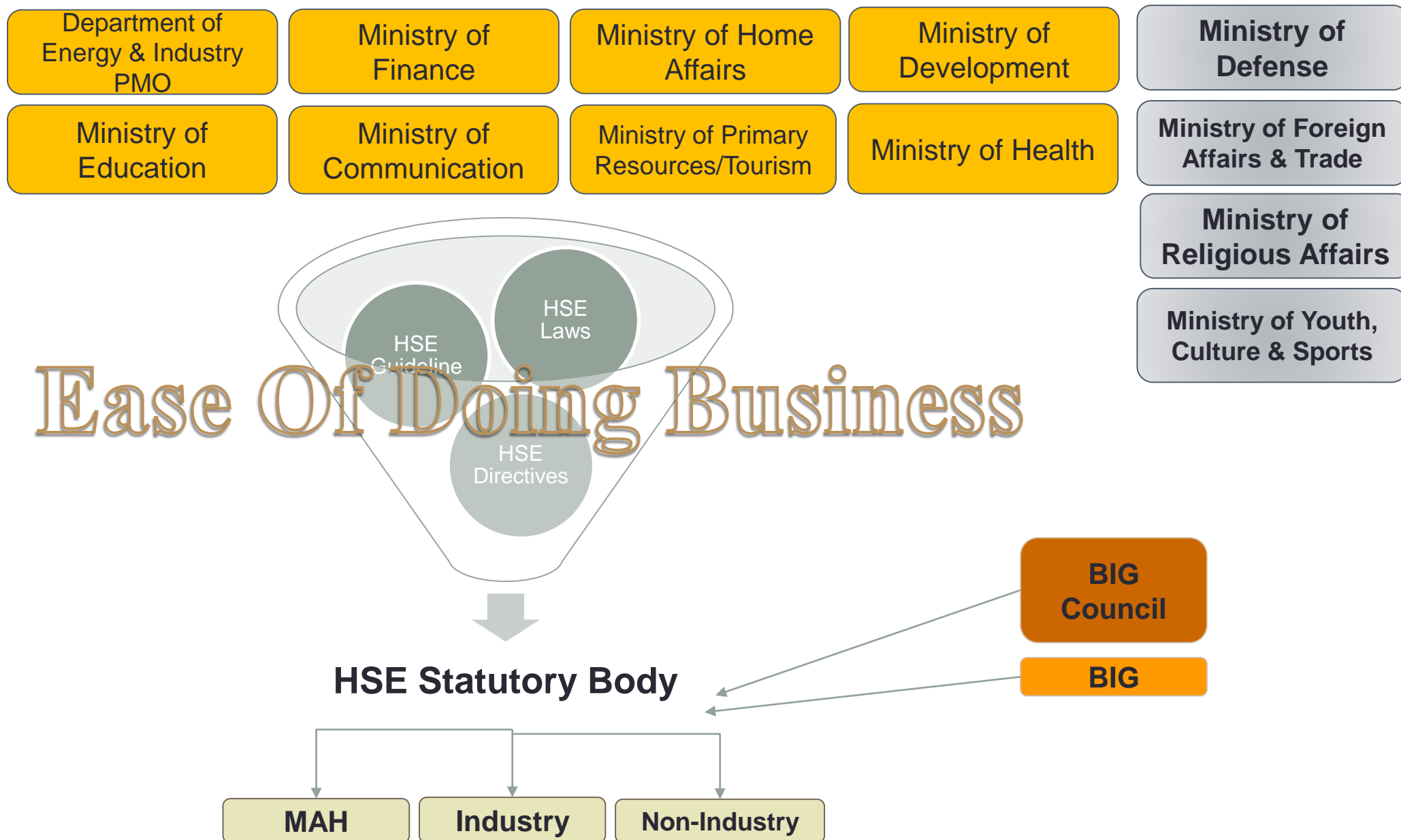


Regulatory Road Map

- Statutory Body Order is ready in draft
- 6 Ministerial Meetings completed – fully supported
- Remaining Ministers to be met in April
- Governance and Compliance Authority – enforcement of Health, Safety and Environmental Legislation in Brunei



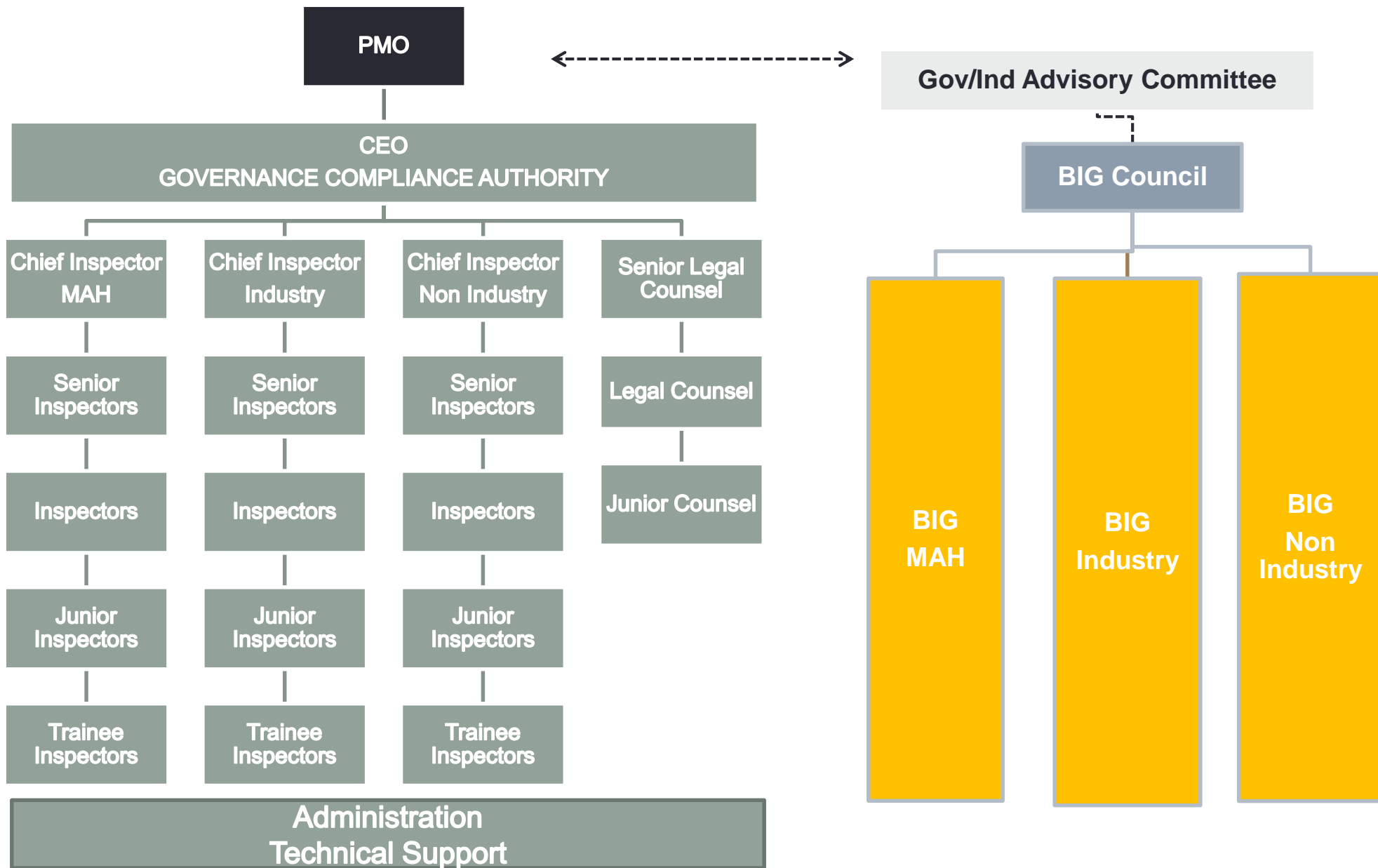
PROPOSED LEGAL STRUCTURE





EIDPMO

STATUTORY BODY INTERFACE WITH INDUSTRY





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PIPELINE REGULATIONS

PIPELINE REGULATIONS (Draft)



BACKGROUND

- **WORKPLACE SAFETY AND HEALTH ORDER 2009
(Amended) : CONTROL OF MAJOR ACCIDENT HAZARDS
Regulations 2013**
 - Pipeline within the boundary line of an onshore facility or
 - Pipeline within 500 metres of any part of an offshore facility structure

- **Legislation is required to identify the life cycle for pipelines
– design, installation, operation, maintenance and
decommissioning**

Owners of pipelines / Operators of pipelines / Users of pipelines



PIPELINE REGULATION

“pipeline” means pipe, tube or conduit that has been used, is in use or intended to be used for conveying any substances in any form;

These Regulations shall apply to -

(1) pipelines conveying hazardous substances within the territory of Brunei Darussalam where

(a) the length of pipeline is from the 500 meter safety zone of an offshore facility to the boundary fence of an onshore facility; and

(b) the length of pipeline is from an offshore facility to the fence of an onshore premises; and

(c) the length of pipeline is between the boundary fences of any onshore premises; and

(d) the length of pipeline is from the territorial boundary of Brunei Darussalam to the boundary fence of a premises within the territory of Brunei.

(2) where a pipeline is used for the purpose of injecting water into a hydrocarbon reservoir.



Way Forward

Item	Description	Who	When
1	Core Group to be set up to develop the regulations	EIDPMO	DONE
2	EIDPMO to facilitate development of the regulations. Kickoff Meeting in April	EIDPMO	21.04.16
3	EIDPMO to engage Hazardous Substance Industry companies through BIG Forum	EIDPMO	Q3 2016
4	Drafting of Pipeline Regulations	EIDPMO Legal	Q4 2016
5	Legal Drafting of Pipeline Regulations	AGC	Q1 2017
6	Sign off on Pipeline Regulations	MOHA	Q2 2017



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COMAH AMENDMENTS

CONTROL OF MAJOR ACCIDENT HAZARDS REGULATIONS (AMENDMENTS) 2016



PROPOSED AMENDMENTS

For the purposes of this Regulation –

- (a) references to the *territory of Brunei Darussalam* include the territorial sea and exclusive economic zone of Brunei Darussalam;**
- (b) references to the exclusive economic zone of a country are references to the exclusive economic zone of that country established in accordance with *international law*.**

“conveyance system” means any apparatus connected to the facility used to transport any material in liquid, gaseous or solid form in bulk between two locations;

Decommissioning & Restoration are defined

“final declared status” means the agreement between the duty holder and the competent authority on the expected condition of the facility and site at the end of the decommissioning and restoration process



AMENDMENTS

- **Fees chargeable under the regulations – detailed in a Schedule**
- **Emergency shut-down valves**
- **Decommissioning and restoration notification of a facility or part thereof**
- **Safety Case for decommissioning and restoration of a facility or part thereof**
- **SCHEDULE: Decommissioning and restoration notification**
- **SCHEDULE: Safety Case for decommissioning and restoration of a facility or part thereof**
- **SCHEDULE: Chargeable Fees**



Way Forward

Item	Description	Who	When
1	EIDPMO to engage Hazardous Substance Industry companies through BIG Forum	EIDPMO	DONE
2	Industry to provide EIDPMO with comments on COMAH amendments	All members	15.04.16
3	Legal Drafting of COMAH Regulations 2016 (Amendment)	AGC	Q2 2016
4	Sign off on COMAH Regulations 2016	MOHA	Q2 2016
5	Implementation of COMAH Regulations	EIDPMO	01.06.2016



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LFI

LEARNING FROM INCIDENTS



LFI

BRUNEI LNG TERMINAL

[LINK](#)



LFI

TERAS OFFSHORE

[LINK](#)



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AOB

OTHER BUSINESS



AOB

- **Environmental Protection & Management Order 2016 - status**
- **Environmental Impact Assessment Regulations – to develop**
- **Air Pollution Control Regulations – to develop**
- **Electricity Order 2016 (Draft) – comment / drafting / implementation**
- **BIG Council**
- **Decommissioning & Restoration Guidelines**
- **Venting and Flaring Industries in Brunei - [LINK](#)**



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B.I.G.

Q & A

Government Resources

- Labour Department:
<http://www.labour.gov.bn>
- Attorney General's Chamber:
<http://www.agc.gov.bn/>
- Energy Department Prime Minister's Office:
<http://www.ei.gov.bn>

EIDPMO Website - HSSE

A A A

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**HSSE Emergency
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Stop and Think
Safety & Health

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THANK YOU