

INTRODUCTION

- ▶ See the end at the beginning
- ▶ Need to understand the links in legislation
- ▶ Need to undertake risk assessments
- ▶ Need to link risk and mitigation to limit exposure



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LEGISLATIVE FRAMEWORK

- ▶ The Constitution of the Republic of South Africa
- ▶ Occupational Health and Safety Act (OH&S Act)
 - ► Construction Regulations
 - ► Hazardous Biological Agents Regulations
- ► Compensation for Occupational Injuries and Diseases Act (COID Act)
- ▶ Basic Conditions of Employment Act
- Disaster Management Act
- Covid-19 Occupational Health and Safety Measures in Workplaces Covid-19 (C19 OHS), 2020 (Revised)
 - ▶ Direction by the Minister of DEL (R639, 4 June 2020)



Occupational Health and Safety Act

- ▶ S8 Duties of Employer
- ▶ S9 Duties to own and other
- ➤ S10 General duties of manufacturers and others regarding articles and substances for use at work

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- ▶ S13 Duty to Inform
- ▶ \$14 General duties of employees at work
- ► S16 CEO charged with certain duties
- ► S17-18 H&S Representatives
- ▶ S19 H&S committees
- ▶ S24 Report to Inspector regarding certain incidents
- ▶ S25 Report to CI re occupational diseases

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Updated legislative Requirements

- ► Risk assessment
- ▶ Policy
- ▶ Submission of documentation for employers with more than 500 employees to the DEL
- ▶ Inform H&S Committee
- Address vulnerable workers who are at risk
- Communication
- ► Appoint COVID-19 compliance officer
- ▶ Minimize people at work

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ROLE OF THE CLIENT

- ➤ Clients provide the following documents see COVID-19 as a design change as it is significant:
 - ► Site specific baseline H&S risk assessment (BRA)
 - Site specific H&S specification (SSHSS)
 - ▶ Both aligned to the developing bill of quantities (BoQ) and is linked to design

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▶ Developed through Stages 2-4 for inclusion in the tender for the project (detailed to set project standard) and includes the BoQ

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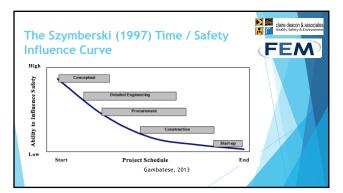
ROLE OF THE CLIENT (2)

- ▶ H&S plan is required by principal contractors for each level of the project (horizontal & vertical) and includes a BoQ that would include aspects relating to COVID-19 on site ▶ Requires PrCHSA approval and monitoring through the stages
- Principal contractor (PC) is required to provide their contractors with site specific H&S specifications
- ► Contractors are required to compile H&S plans for approval by PC

 Budgeting for H&S to be included at tender stage by clients
- and PCs

Implies the need for a specific BoQ

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HIGH RISK ACTIVITIES

- ► Financial resources by client;
- ► Clients not enforcing financial resources for projects;
- ► Transportation, to, from and on sites;
- Manual labour for physical tasks and tasks that will not allow for social distancing;
- Workers arriving at work with a temperature or other symptoms of Covid-19:

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- Management of isolating potentially infected workers, and tracing of family/contacts;
- Ablution facilities;

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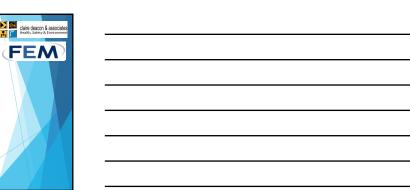
HIGH RISK ACTIVITIES (2)

- ▶ The lack of clean welfare facilities where workers congregate for lunch break;
- Lack of cleaning and hand washing facilities;
- Confined working areas;
- ▶ Sharing drinking utensils/food;
- ▶ Too few emergency supplies, first aiders and first aid boxes, and
- ▶ Not linking exposure to work

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FACTORS INFLUENCING RISK OF COVID-19?

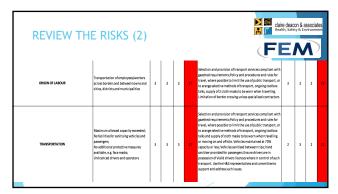
- ▶ 3 'Ds'
- ▶ DISTANCE
 - ▶ The further apart, the less likely to be infected
- ► DOSE
 - ▶ Minimum time of exposure as increased time increases risk of exposure
- DISPERSION
 - Smaller particles remain in the air longer, disperse more quickly outside and in the sun













	Monitoring during the project	daire deacon & associates Health, Safety & Environment	
	RECORDS TO BE KEPT	COMMENTS	Further Comments and Actions (by whom, when, other information)
ı	Covid-19 Management		
	Policy in place The COVID-19 plan approved Have risk assessments been done? Have HIRA and Policy been submitted to the H&S Committee, and evidence thereof? Have HIRA and Policy been submitted to DEL?	Yes Yes Partially NO N/A	Need to tie into method statements No H&S Committee
	Sharing of the DEL Directive and implementation? Have employees / Contractors been notified of actions if ill or COVID-19 symptoms? Discipline of employees/Contractors if deviation is the supervision and monitoring in progress and is visible.	Yes TBA TBA	Will be monitored Appears so at the time of the inspection
	Signage re symptoms, visitors, emergency contacts, PPE and prevention measures up across the site and critical areas The procedure for positive COVID-19 in place The procedure for positive COVID-19 in place Social distancing in place for workplaces and facilities, meetings	Yes Yes Needs to be <u>undted</u> Appears so at the time of inspection	mapeetto

Monitoring during the project (2) Report to COIDA if a positive case contracted at work Issue of masks and other PPE noted in HIRA Training of wearing of masks Visitors have PPE available Taning of wearing of PPE and social distancing Vertillation air conditioning or means of ventilation in offices, workshops and meeting areas COVID-19 monitors and appointments in place Isolation area available Needs to be revised to include Monitor, Will be monitored Wi

19

Monitoring during the project (3) The Method statement, HIRA and Safe operating procedures all need revision to include the projects and dilutions to be used, and link to one another that currently has not been done. Attention to detail is required. • Medical surveillance records on site, however, any at risk workers need to be determined and screened for fitness for work relative to COVID-19; • Cables were still noted as being an issue on site; • The safe operating procedure does not take into account the type of cleaning, the chemicals in use of the PPE needed, or frequency of cleaning, or who will be responsible; • The HIRA for cleaning of the offices is a cut and paste and does not address the issues or the risks. This is to be revised according to the protocol that has been developed and advised by the National Institute of Occupational Health that was sent for information purposes, and • The method statement produced is for pre-cast elements, and needs to include the chemicals to be used

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