

POWER TOOLS AND OCC SHE

Presented by:

Jan van Burick



LEGISLATION

- ✿ **AIM AND PURPOSE**
- ✿ **HEALTH ACT**
- ✿ **ROAD TRAFFIC ACT**
- ✿ **COID ACT**
- ✿ **OCCUPATION HEALTH, SAFETY AND ENVIRONMENTAL (SHE) LEGISLATION**



LEGISLATION

- ✿ **OCCUPATIONAL HEALTH AND SAFETY ACT 85 OF 1993**
- ✿ **SECTIONS 1 TO 6 (DEPARTMENT OF LABOUR) WITH ADVISORY COUNCIL TO ASSIST AND GUIDE , FOR RECONCILIATION AND ARBITRATION ALSO SEEN AS CCMA**
- ✿ **SECTION 7 COMPANY POLICY , COULD BE REQUESTED BY DEPARTMENT OF LABOUR**
- ✿ **SECTION 8 DUTIES OF THE EMPLOYER , HAVE A SYSTEM IN PLACE ON SAFETY MANAGEMENT**
- ✿ **IDENTIFY HAZARDS AND EVALUATE RISKS**



LEGISLATION CONTINUE

- ☼ MITIGATE ALL HAZARDS AND RISKS WITH LAST RESORT ON PERSONAL PROTECTIVE EQUIPMENT**
- ☼ SAFETY IN ALL ASPECTS OF PRODUCTION, PROCESSING ,USE, HANDLING , STORAGE AND TRANSPORT**
- ☼ MAKE ALL EMPLOYEES CONVERSANT WITH THE ACT AND ALL CONCEPTS OF LEGISLATION PERTAINING TO THE COMPANY**
- ☼ NOT ALLOWING ANY EMPLOYEE TO CARRY OUT ANY WORK UNLESS SITUATION IS SAFE**
- ☼ TO ENSURE THAT THE REQUIREMENT OF THIS ACT IS ADHERED TOO**



LEGISLATION CONTINUE

- ✿ **ENFORCING MEASURE IN THE INTEREST OF THIS ACT TO ENSURE ALL IS ADHERED TOO**
- ✿ **TO ENSURE ALL WORK IS DONE AND ALL MACHINERY IS USED UNDER THE SUPERVISION OF COMPETENT PERSONS**
- ✿ **ALL EMPLOYEES INFORMED OF THEIR SCOPE OF THEIR AUTHORITY AS PER SECTION 37(1) (b)**
- ✿ **SECTION 9 GENERAL DUTIES OF SELF-EMPLOYED PERSONS
SEE AS CONTRACTORS ON SITE**



LEGISLATION CONTINUE

- ✿ **SECTION 10 DUTIES OF MANUFACTURERS -SUPLIERS OF MACHINES EQUIPMENT AND MATERILS**
- ✿ **SECTION 11 LISTED WORK THE MINISTER MAY DECLARE ANY WORK AS LISTED WORK AS PUBLISHED IN THE GAZETTE FOR ALL TO COMMENT ON DICISION TAKEN**
- ✿ **SECTION 12 DUTIES OF EMPLOYERS REGARDING LISTED WORK**
- ✿ **SECTION 13 DUTY TO INFORM THIS INVOLVES ALL IMATERIAL OF OCUPATIONAL POSITION**



LEGISLATION CONTINUE

- ☼ **SECTION 14 GENERAL DUTIES OF EMPLOYEES**
- ☼ **A, TAKE CARE OFF HIS/HER OWN HEALTH AND SAFETY AS WELLAS OF OTHERS,**
- ☼ **B, CO-OPERATE WITH EMPLOYER TO ENSURE REQUIREMENT OF THIS ACT IS FULFILLED**
- ☼ **C, CARRY OUT ANY LAWFULL INSTRUCTION GIVEN TO HIM BY HIS EMPLOYER OR ANY PERSON AUTHORIZED TO DO**
- ☼ **E, REPORT ANY UNSAFE SITUATUIONS TO HIS/HER EMPLOYER**



LEGISLATION CONTINUE

- ☼ SECTION 15 DUTY NOT TO INTERFERE NO DAMAGE TO ANY MACHINE EQUIPMENT OR PROTECTIVE EQUIPMENT –DISMISSAL CASE**
- ☼ SECTION 16 CHIEF EXECUTIVE OFFICER CHARGED WITH CERTAIN DUTIES –CARRY THE VECARIOUS LIABILITY TO THE LAW**
- ☼ SECTION 17/18 DUTIES OF SHE REP AND THEIR FUNCTIONS**
- ☼ SECTION 19/20 SHE COMMITTEE AND THEIR FUNCTIONS**
- ☼ SECTION 21 PROHIBITIONS ON ITEMS NOT TO DO INHOUSE**



LEGISLATION CONTINUE

- ✿ **SECTION 22 SALE OF CERTAIN ARTICLES PROHIBITED**
SUBJECT TO SECT. 10(4)
- ✿ **SECTION 23 CERTAIN DEDUCTIONS PROHIBITED**
- ✿ **SECTION 24 INJURIES AND INCIDENTS REPORTED TO
DEPARTMENT OF LABOR AND WCA**
- ✿ **SECTION 25 OCCUPATIONAL DISEASES REPORTED TO
DEPARTMENT OF LABOUR AND WCA**
- ✿ **SECTION 26 VICTIMIZATION FORBIDDEN IN LIEU OF HEALTH AND
SAFETY FACTORS**

GOVERNMENT DUTIES AND RESPONSIBILITIES



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- ✿ **Make and review legislation**
- ✿ **Appoint inspectors**
- ✿ **Provide documented standards for compliance**
- ✿ **Provide employee protection**
- ✿ **Provide guidelines for operational procedures**
- ✿ **Define duties and responsibilities of all parties**
- ✿ **Determine duties and functions of SHE reps and committees**
- ✿ **Investigate incidents, reports and complaints**
- ✿ **Enforce the law**



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WHAT IS POWER TOOLS

VARIOUS TYPES OF POWER TOOLS EXIST

POWER TOOLS IS DEFINED AS ANY TOOL , EQUIPMENT ,MACHINE OR MOTORIZED EQUIPMENT THAT IS ENERGIZED BY ANY FORM OF ENERGY SUCH AS;

- **ELECTRICITY**
- **GAS**
- **PNEUMATICS (AIR)**
- **HYDRAULICS**
- **WATER OR ANY OTHER COMPONENT THAT CAN EXERT A FORCE OR POWER**

LEGAL REQUIREMENTS COVERING VARIOUS POWER TOOLS

- DMR(2) REVOLVING MACHINES
- DMR(3) CIRCULAR SAWS
- DMR(4) BAND SAW
- DMR(5) WOOD PLANING MACHINES
- DMR(6) WOOD MOULDING AND MOISTURISING MACHINES
- DMR(7) SANDING MACHINES
- DMR(8) GRINDING MACHINES

LEGAL REQUIREMENTS cont...

- **DMR(7) SANDING MACHINES**
- **DMR(8) GRINDING MACHINES**
- **DMR(9) SHEARS, GUILLOTINES AND PRESSES**
- **DMR(10) SLITTING MACHINES**
- **DMR(11) MIXING, AGITATING AND SIMILAR MACHINES**
- **DMR(13) WASHING MACHINES AND EXTRACTORS**
- **DMR(14) COMPRESSORS**

LEGAL REQUIREMENTS CONTINUE

DMR(17) GOODS HOISTS

DMR(18) LIFTING MACHINES AND LIFTING TACKLE

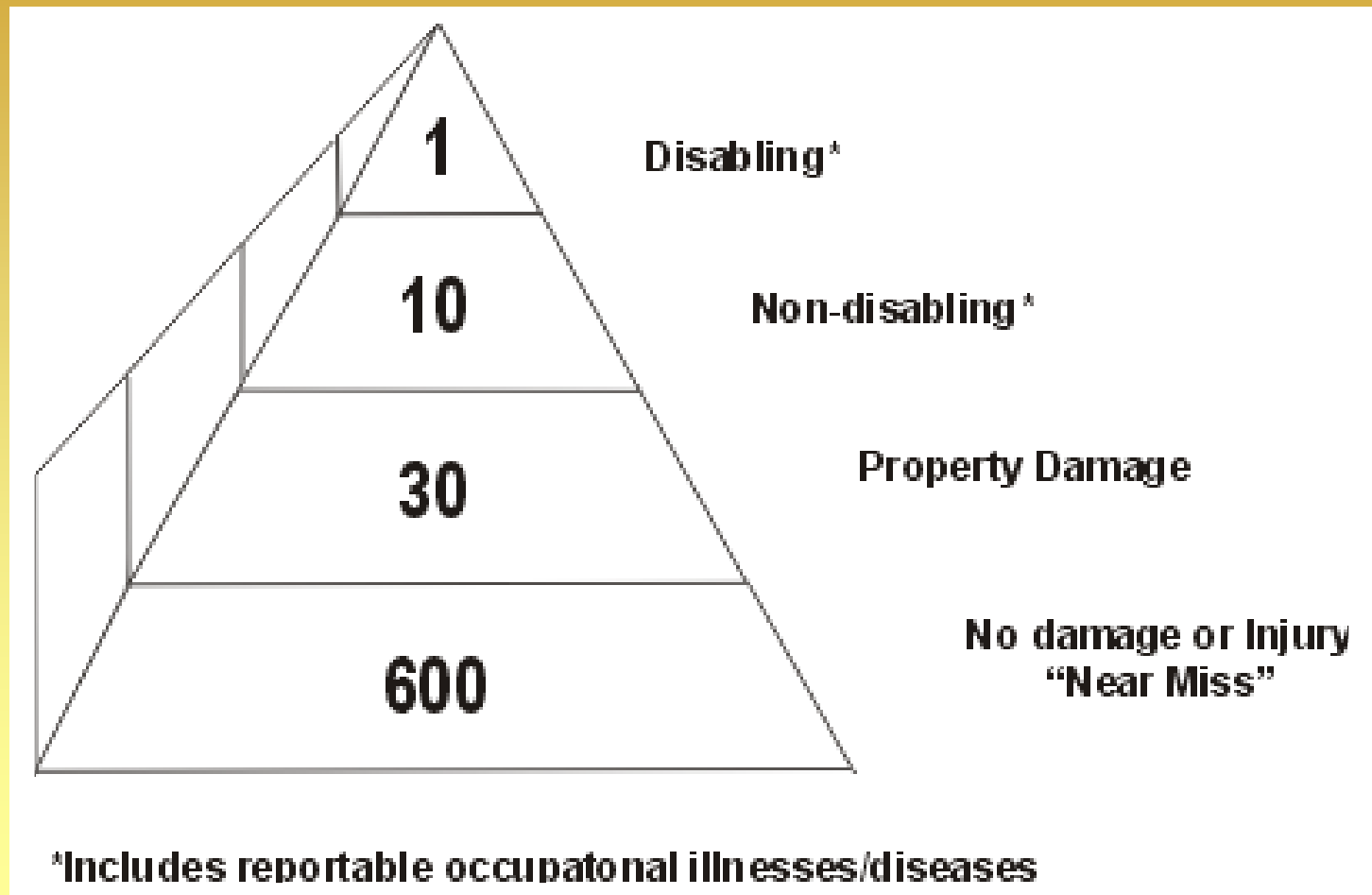
DEFINITIONS

INCIDENT:

An incident is an undesired event that takes place because the necessary SHE controls were not in place, or they failed for some reason. An incident causes or could cause injury, illness or disease to people or damage to plant, equipment or the environment, or the interruption of business operations

The MHS Act does not define incidents and the OHS Act refers to incidents as contemplated in Sec 24 of the Act.

Page 20 **The Frank Bird Ratio**

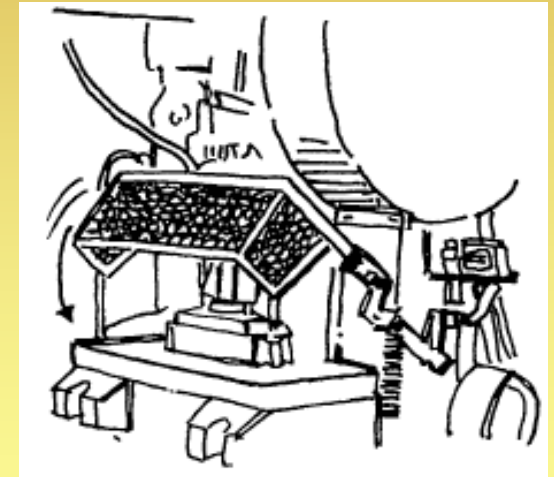
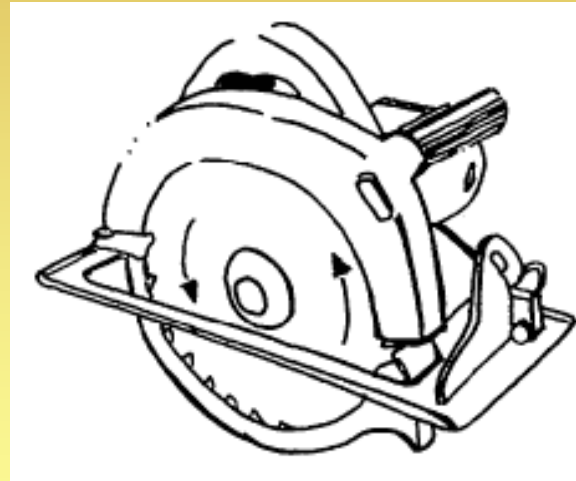
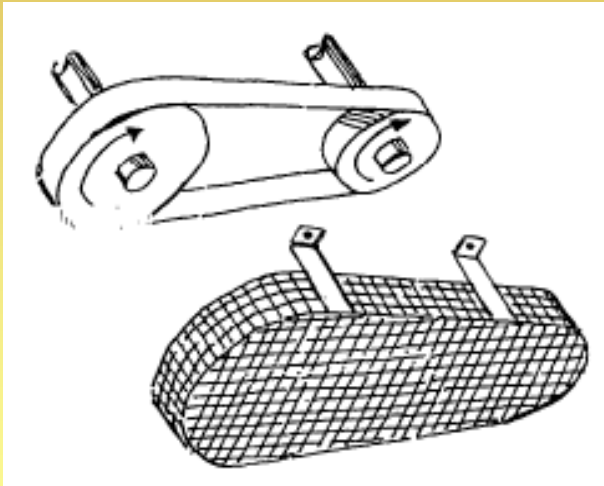




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MACHINE GUARDS





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SIGNAGE

Mandatory:



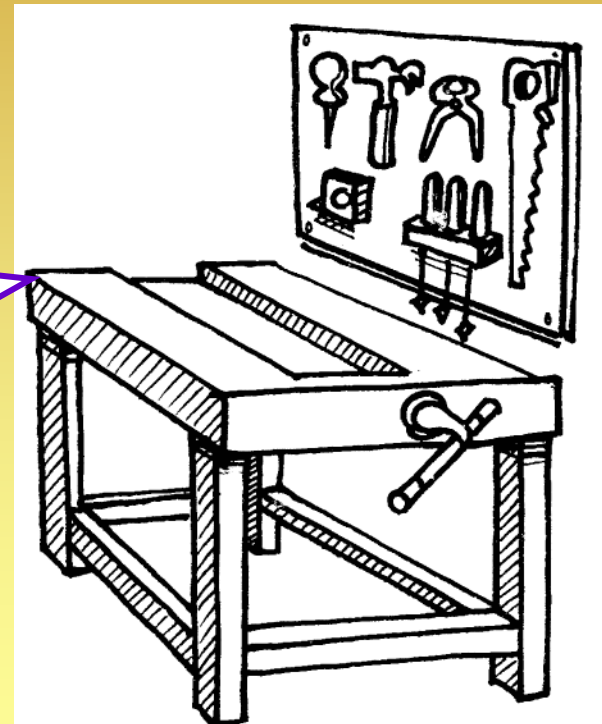


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GOOD HOUSEKEEPING

A PLACE FOR EVERYTHING
AND EVERYTHING IN ITS PLACE, ALWAYS





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MEANING OF COLOURS

RED:

- **Danger**
- **Fire protection equipment**
- **Stop buttons**
- **Emergency stop controls**



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MEANING OF COLOURS

YELLOW:

- Places where caution is needed
- Hazard specific

MEANING OF COLOURS



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GREEN (background with white lettering):

- **Information**
- **Equipment start buttons**
- **General locations**



MEANING OF COLOURS

ORANGE:

- **Indicates electrical utilities**
- **Electric service supply lines**
- **Electrical switchgear and fittings**
- **Draws attention to dangerous moving machine parts**

MEANING OF COLOURS



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BLUE:

Basic background colour used with white

- **Mandatory signs**
- **Hearing protection**
- **Other PPE**
- **Etc.**

Thank you for your time and PARTICIPATION

BY JAN VAN BURICK

HAVE A GOOD AND SAFE WORKS FUTURE