

Construction Hazards and Risks Control

**Lecture Title: – Comprehensive Guide to
Construction Risk Assessments & Techniques**

Lecturer: Katia Fenech

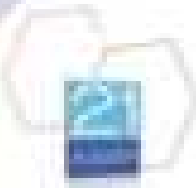
Date: 30th October 2024



**Undergraduate Diploma in
Occupational Health and Safety**

Objectives

- **Ability to organise thorough hazard identification and risk assessments in construction environments.**
- **Coordinate risk assessments to determine the level of risk associated with specific construction activities.**



Group Work

- A short risk assessment on the below tasks

Group 1 - Demolition

Group 2 - Excavation

Group 3 - Building

Group 4 - Finishes





QORTI TA' L-APPELL KRIMINALI

**ONOR. IMHALLEF
DAVID SCICLUNA**

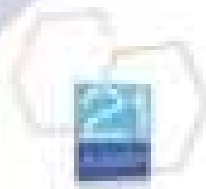
Seduta ta' l-4 ta' Novembru, 2009

Appell Kriminali Numru. 144/2008

Il-Pulizija

v.

Carmelo Ebejer

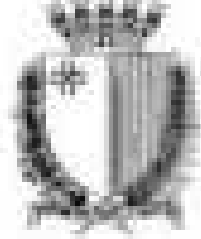


Il-Qorti,

Rat l-imputazzjonijiet migjuba mill-Pulizija Eżekuttiva
kontra Carmelo Ebejer talli:

(1) fl-14 ta' Frar 2007 fl-10.30am u fix-xhur ta' qabel, fil-
kapacita' tiegħu ta' General Manager tal-Kumpanija Bim
Ltd li tinsab sitwata gewwa l-Marsa, naqas milli jhares is-
sahha u s-sigurta' ta' l-impjegati, kif ukoll tal-persuni
kollha li jistghu jigu affetwati bix-xogħol, li jkun qed isir u
dan billi naqas milli jiehu passi necessarji kollha sabiex jigi
evitat dannu fiziku, korriment jew mewt fuq il-post tax-
xogħol;





QORTI TA' L-APPELL KRIMINALI

IMHALLEF

ONOR. DAVID SCICLUNA LL.D., MAG.JUR. (EURLAW)

Seduta ta' nhar-il Hamis 9 ta' Novembru 2017

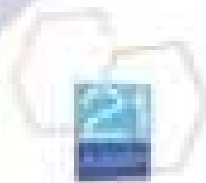
App. Nru. 548/12 DS

Il-Pulizija

v.

James Barbara

Michelle Barbara





QORTI TA' L-APPELL KRIMINALI

**ONOR. IMHALLEF
JOSEPH GALEA DEBONO**

Seduta ta' l-24 ta' Settembru, 2009

Appell Kriminali Numru. 154/2009

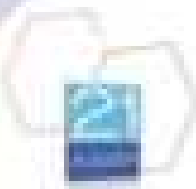
**Il-Pulizija
(Spt. D. Saliba)
Vs
Frank Schembri
Giuseppe Tabone**



Il-Qorti,

Rat l-akkuza dedotta kontra l-appellant Giuseppe Tabone w l-appellati Frank Schembri u Giuseppe Tabone quddiem il-Qorti tal-Magistrati (Malta) bhala Qorti ta' Gudikatura Kriminali talli

1. Frank Schembri fil-kapacita' tieghu ta' direttura tal-kumpanija Schembri & Sons Ltd u lil Joe Tabone fil-kapacita' tieghu ta' foreman fl-istess kumpanija, fis-27 ta' Gunju, ghall-habta ta' 10.00 a.m. u fil-granet ta' qabel fil-Foster Clark, Industrial Estate, San Gwann, naqsu milli jharsu s-sahha w sigurta' ta' l-impjegati, kif ukoll tal-persuni kollha li jistghu jigu affetwati bix-xoghol, li jkun qed isir u dan billi naqsu milli jehdu l-passi necessarji kollha



Group Work

- Think of a scenario at the place of work (construction) and use the hierarchy of elimination to reduce the risk.

Example

- Painting a beam at ground level on a construction site
- Using a ladder to paint the façade
- Cleaning outside of the upper window from the sill.



Ta' dawn in-nuqqasijiet kien ukoll responsabbli l-appellant
Tabone bhala l-*"foreman"* fuq is-sit tax-xoghol kif fuq
intqal.

Pagna 10 minn 11

Qrati tal-Gustizzja

Kopja Informali ta' Sentenza

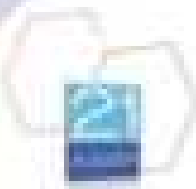
Ghalhekk din il-Qorti tqis li s-sejbien ta' htija tal-appellant
taz-zewg imputazzjonijiet bhala gustifikat.



Edge protection



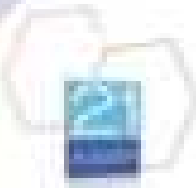






Tower Cranes

- Evaluation of the ground
- Architect's inspection report of the base
- Inspection of structure before erecting tower crane
- Engineer certification prior to usage and every 12 months
- Competency of operator



Mobile Cranes

Inspected by a competent person every
12 months

Daily checks before use

Record any repairs and maintenance
carried out

Operated by a trained person

Open legs on solid ground



MEWPS

- Certified every 6 months
- Checked daily before use
- Outriggers opened on solid ground
- Person using MEWPS shall be trained



Earth moving machinery & plant

- Certified by a competent person every 12 months
- Checklist before use
- All maintenance and repairs have to be recorded
- Person using equipment shall be trained.



Project Supervision at Design Stage

- Safety by Design is a method of collaboration that brings design, EHS, and teams together to ensure that facilities are safe to build and safe to use.



Forklift

- Certified by a competent person every 12 or 6 months.
- Checked before usage
- Operator shall be trained
- In closed areas battery powered is recommended



The crusher

- What hazards do you expect?



Truck filling with aggregate

- What hazards does it produce?
- How can we eliminate the hazards?





**Undergraduate Diploma in
Occupational Health and Safety**