

# LUAS



## ***Code of Practice***

*For works on, near or adjacent to the Luas Tramway*

Overhead power cables and any support cables should be treated as "live" at all times.

Before attempting to carry out works close to the Luas tramway system you must:

- obtain the necessary prior authority in writing from Luas operator, Transdev Dublin Light Rail Ltd
- beware of moving trams
- beware of the High Voltage power cable above track
- be at least 2 metres from the nearest running rail
- be 2.75 metres from the overhead wire

Failure to obtain authority is an offence.

In the event of an emergency:

- contact the Luas Network Management Centre at 01 461 4810
- contact Emergency Services at 999 or 112
- use "emergency stop" signal to tram driver (see page 1)



# IMPORTANT READ THIS NOTICE BEFORE PROCEEDING

In the event of any emergency on Luas you must:

- **Contact the Luas Network Management Centre:**
  - by telephone 01 461 4810
  - through a tram driver
  - through any uniformed member of Transdev staff
  - through the emergency help point at each Luas Stop
  - through the emergency services
- **Contact the appropriate emergency services on 999 or 112.**
- **Warn drivers of approaching trams as follows:**
  - In daylight, by holding both hands over one's head and at dusk or darkness by holding RED light steady in the direction of the tram.
  - In daylight or darkness, by waving two arms, any coloured flag or light vigorously above one's head or from side to side.
- **When signalling a driver, make sure to stand clear of the trams swept path (defined on page 4).**
- **Take appropriate steps to keep all further persons and property away from the source of danger.**



## **When you contact the Luas Network Management Centre you must:**

- State that you are making an emergency call.
- State your name, occupation and position (if relevant), employer (if relevant) and from where you are calling.
- State a contact telephone number.
- State the nature of the emergency.
- State the location of the emergency by reference where possible to the nearest road, stop or overhead power supply pole number.
- State whether the electricity supply to the overhead power supply lines might require to be turned off.
- State whether the passage of a tram on any lines might be blocked.
- State which (if any) of the emergency services have been notified of the emergency and whether you are making a request to the Luas Network Management Centre to notify the emergency services.
- Record the name of the person to whom you are speaking.
- Wait while the person in the Luas Network Management Centre repeats the details of your message to you.
- Confirm that the repeated details are correct.
- Record and carry out any instructions that may be given by the person in the Luas Network Management Centre.



## INTRODUCTION

Luas is a modern, safe and efficient light rail public transport service for the city of Dublin. Luas was built by Transport Infrastructure Ireland (TII), a state agency, and is operated by Transdev Dublin Light Rail Ltd.

As with any tramway, Luas poses specific risks, which must be assessed and provided for when any works are done near the tramway. The principal risks are:

- Moving trams cannot steer to avoid obstacles in their path.
- Trams move quietly at speeds up to 70 kph.
- The lines that run over the tramway to supply power to the trams carry electricity at all times at a high voltage of 750 volts DC.
- Trams can take two to three times the distance of normal road traffic to come to a complete stop.

In order to ensure the proper management and operation of Luas, TII passed Bye-laws in March 2004 called the Light Railway (Regulation of Works) Bye-laws (S.I. No 101 of 2004). These Bye-laws require that permission from the operator is obtained before any works that materially affect the management, operation and regulation of Luas are carried out. Therefore, persons who wish to carry out works near Luas should read this Code of Practice and the Bye-laws carefully and comply with their provisions before doing any such works. When issuing permission, the operator may impose restrictions on the manner in which works are to be done.

It is an offence to contravene any of the Bye-laws. Copies of the Bye-laws can be obtained at [www.luas.ie](http://www.luas.ie), by email at [maintenance@transdev.ie](mailto:maintenance@transdev.ie) or by post directly from Transdev (contact details on the last page).



This Code of Practice gives guidance on the type of works where the permission of Transdev should be obtained and the procedures to be followed in applying for such permission. This Code of Practice also gives guidance on the general principles of safety that should be followed when carrying out any works near Luas. This is a guidance document only and, in the case of a difference or dispute, the provisions of the Bye-laws will take precedence.

For the purpose of this Code of Practice, the term "**works**" includes all forms of work, including the movement of persons, equipment, materials and vehicles, any preparatory, demolition, construction or maintenance work and any painting or washing of premises. It does not include normal traffic or pedestrian movements however.

Also in this Code of Practice, the term "**swept path**" means the area of the tramway where there is a direct risk of collision with a moving tram. The swept path is clearly marked on public road sections of track by the edge of a footpath, a series of yellow dots or by kerbs or white lines. On off street sections of track the boundaries of the swept path are located (but not marked) 1.5 metres from the nearest running outside rail.



## WHO IS AFFECTED?

Persons who own or occupy properties near Luas lines should familiarise themselves with the Bye-laws and this Code of Practice and ensure that any persons who occupy their properties or carry out work on their properties are familiar with these documents as well.

## WHAT WORKS ARE AFFECTED?

Where any works of the following nature are planned near Luas, the permission of Transdev Ireland should be sought:

- Where access will be required to any part of Luas that is not on a public road.
- Within the swept path (see diagram on pages 10 & 11).
- Above or within 2.75 metres of the overhead power supply lines and their supporting wires and fixings.
- The erection of hoarding or scaffolding adjacent to the tramway.
- The use of cranes or other equipment at any distance over the tramway.
- Excavation within 1.5 metres of the swept path on a public road.
- The installation of any permanent structure or equipment within 1.5 metres of the swept path.
- The placing of plant, material or spoil within 1.5 metres of the swept path.
- Tunnelling / micro-tunnelling / thrust boring / pipe jacking beneath the track and within 1.5 metres of the swept path.
- Any works causing vibrations that may effect the tramway.

A diagram showing the main exclusion zones is included on pages 10 & 11 of this Code of Practice.

If you are in any doubt as to whether permission is required from Transdev, you should contact Transdev for guidance.





**Our Vision:**  
**To set the standard for managing safe and sustainable mobility solutions**

## HOW IS PERMISSION FOR WORKS OBTAINED FROM TRANSDEV?

Other than in an emergency (detailed on page 9), permission for works can be obtained by completing a Work Request Form and sending it to the Luas operator with the appropriate supporting documentation within an appropriate time. Please try to submit your Works Request Form by at least 12pm on the Monday 2 weeks prior to the works are due to commence. A Work Request Form may be obtained at [www.luas.ie](http://www.luas.ie), by email at [permits@transdev.ie](mailto:permits@transdev.ie) or by post directly from Transdev Dublin Light Rail. (Contact details on the last page)

When the completed Work Request Form is submitted, it will be reviewed by Transdev Dublin Light Rail Ltd who may then:

- Seek further information in relation to the application.
- Give permission for the works by issuing a Work Access Permit.
- Refuse to allow the works.

Transdev Dublin Light Rail Ltd may impose reasonable conditions in the Works Access Permit issued for any works. These may include:

- Granting an Occupation where a defined section of the tramway is made available for works and where trams will continue to run subject to speed restrictions.
- Granting a Possession where trams do not operate on a defined section of the tramway.
- Granting a Possession with Isolation and Earthing where the same measures as a Possession are put in place and also the electricity supply to the overhead power supply lines are turned off.
- Requiring payment of a bond for the safe completion of the works.



Works Request Forms should be submitted online to:

**permits@transdev.ie**

Or by post to:

**Transdev Dublin Light Rail Ltd  
Luas Depot  
Red Cow Roundabout  
Clondalkin, Dublin 22**

## **GENERAL PRINCIPLES APPLYING TO WORKS ON LUAS**

Works can be done without causing disruptions to tram movements when they are done outside the swept path.

Works can be done without affecting the overhead power supply lines when they are done more than 2.75 metres away from the nearest overhead supply lines and their supporting wires and fixings. This means that no person, equipment or object must come within 2.75 metres of the nearest overhead power supply lines and their supporting wires and fixings at any time during the work or divert pedestrians or traffic into the swept path.

High visibility clothing and appropriate protective clothing should be worn at all times when working near Luas.

At all times, the safety of persons must be the most important consideration.



## COMPLIANCE WITH LAWS AND PROCEDURES

Persons who apply to Transdev Dublin Light Rail for permission to carry out works near Luas may be obliged to obtain other approvals or consents before doing works. For example, planning permission may be required from the local planning authority or a road opening licence may be required from the local roads authority.

Works may also be subject to other legal restrictions under the Safety, Health and Welfare at Work Act 2005 and the regulations made under that Act and other relevant health and safety rules.

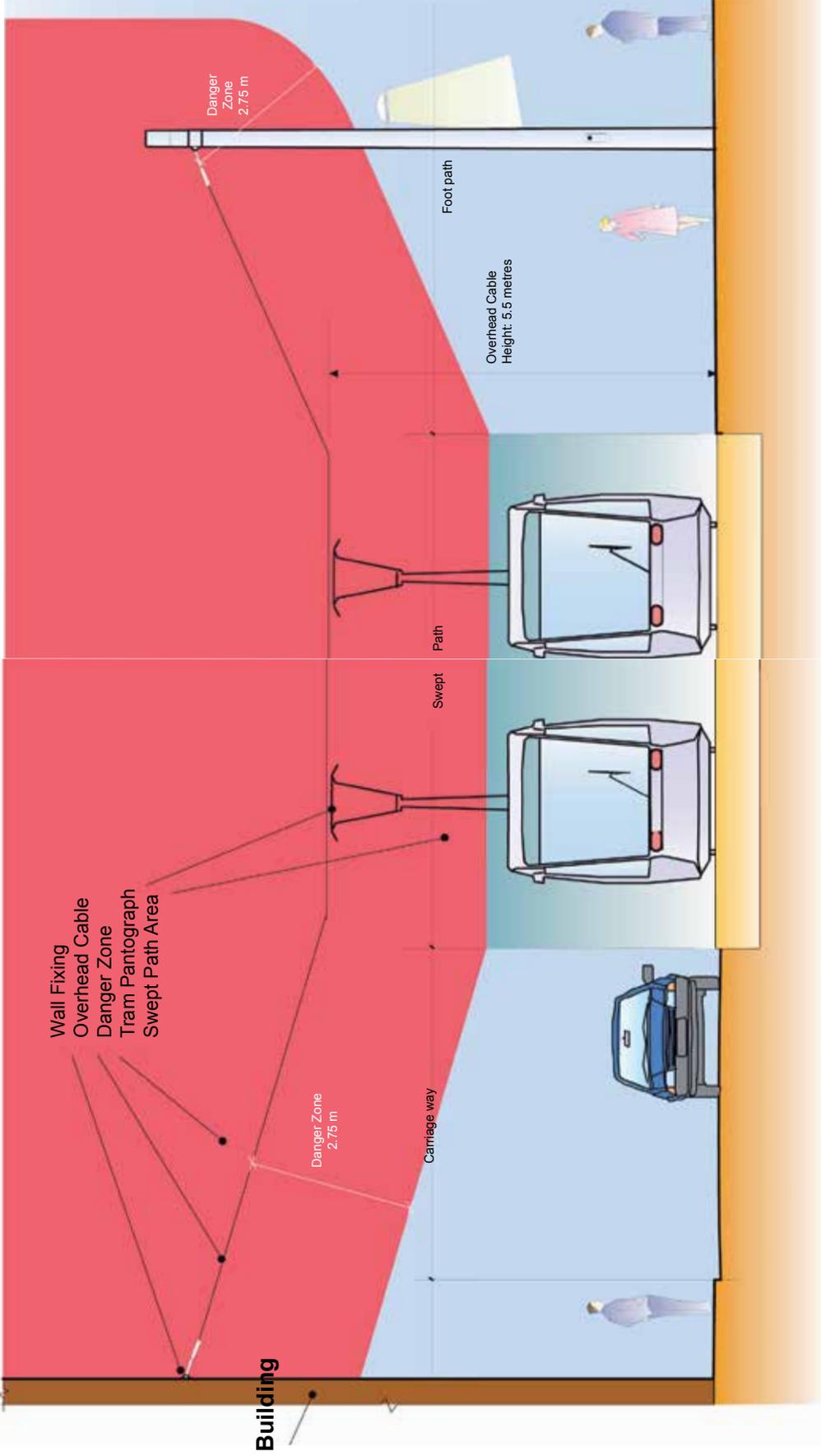
Compliance with the Bye-laws does not relieve any person from any obligations that may have under any other law or other duty.

## EMERGENCY WORKS

If access to Luas is required to prevent or deal with any emergency situation, the Luas Network Management Centre should be contacted immediately. Please see page 1 of this Code of Practice for details on how this may be done. Under no circumstances should access be attempted to Luas where the Luas Network Management Centre has not been notified.

**THE CODE OF PRACTICE  
IS DESIGNED TO KEEP US ALL SAFE.**





Sketch showing typical Exclusion Zones

Not to scale

# NOTES:



# NOTES:



# CONTACT DETAILS



**Transdev Dublin Light Rail Ltd**  
**Luas Depot**  
**Red Cow**  
**Clondalkin, Dublin 22**  
**Phone: 01 461 4910**  
**Fax: 01 467 3046**  
**Email: [permits@transdev.ie](mailto:permits@transdev.ie)**

## LUAS

**Customer Care Centre**

 **1850 300 604**

 **[www.luas.ie](http://www.luas.ie)**

 **[info@luas.ie](mailto:info@luas.ie)**



**Transport Infrastructure Ireland**  
**Parkgate Business Centre**  
**Parkgate Street**  
**Dublin 8**  
**D08 DK10**  
**Phone: 01 646 3600**  
**Fax: 01 646 3601**  
**Email: [info@tii.ie](mailto:info@tii.ie)**



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