

Hundreds of people each year unintentionally take on the railway and lose.

Be aware of the danger you can't see. Stay off the track and pay attention to any safety signs.

Is it worth putting your life on the line?

Contact us

 @networkrail

 www.networkrail.co.uk

 03457 11 41 41

Everyone loses when you step on the track

You vs. Train

NetworkRail

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You vs. Train

The railway is full of hidden dangers. If you're not hit by an unexpected train, you'll be hit by the lethal current in the rails and power lines.

The only way to avoid danger is to stay off the track.



Question time

1. How powerful are railway overhead power lines?

- A. 100 times greater than the power supply in the average home
- B. 10 times as great as the power supply in the average home
- C. The same as the power supply in the average home.

Answer: A. At 25,000 volts, overhead lines are 100 times greater than the power supply in the average home.

2. When are overhead power lines & conductor rails switched off?

- A. After the train has gone past
- B. Overnight
- C. Never – the electricity is on all the time.

Answer: C. The third rail and overhead lines have electricity flowing through them at all times and are never switched off.

3. Electricity in overhead power lines can 'jump' – but how far?

- A. 2 metres
- B. 3 metres
- C. 5 metres.

Answer: B. You don't have to touch the overhead lines to get electrocuted. If you fly or dangle things from bridges near the overhead power lines, the electricity can arc like lightning or jump up to three metres.

4. What is the maximum speed a train can reach?

- A. 70mph
- B. 125mph
- C. 95mph.

Answer B. You can't outrun a train. And even if you could, you wouldn't hear it coming, as today's trains almost silently reach speeds of 125mph. And they run 24 hours a day.