Electrical Safety-Key Focus Areas

where everyone goes home safely at the end of the day



- 01
- Electrical Safety An overview
- 02
- Electrical Safety Key risk areas Refresher
- 03
- Our Non-Negotiables Focus areas



Going Home Safely at the end of the day



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High Risk Areas, narrow risk profile

Controls are well understood, lets make sure behaviour follows



Working at Height

Majority were working at height incidents.



Road Safety

Followed by vehicles incidents.



Rigging and Lifting

There was an increase on rigging and lifting incidents.

Street Works

There was an increase on street works incidents.

Electrical

Electrical

And electrical incidents.



Street Works

Underground Works

And underground assets incidents.

Non-negotiables

People

Installations

Methods

Tools





When do we get exposed to the risk of Electricity?



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What could possibly go Wrong?









Electrical Work Categories - Competency Categories

Category	Description	Scope	
CAT 1	Telecommunications Equipment & Simple Electrical Works	Work limited to plugging equipment into or out of racks, turning items of equipment on or off or replacing items of equipment. These are electrical activities an unskilled person would undertake in their own home. No live working.	
CAT 2	Minor Electrical Works	Permitted to carry out minor electrical work on installations. Work is limited to adding to, repairing or replacement of existing electrical AC circuits. Low capacity DC (up to 50Ahr) Operatives would require formal electrical training and be under the direct supervision of someone who is qualified to registered electrician level or equivalent standard. No live working.	
САТ ЗА	High Capacity DC	High Capacity DC, installation, maintenance and testing of high capacity DC systems (Over 50Ahr). Qualified registered Electricians or equivalent. Live working is often unavoidable.	
CAT 4	Install test and commission electrical installations	Design, installation and testing of circuits on both AC and DC systems. Certification that the electrical installation as safe and compliant. Qualified registered Electricians or equivalent.	

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Urban Myth!

Ampere is the only responsible for electric shock!!!

Of course this is Wrong!

OHM's Law

V = I X R

Electric Difference (Volts) = Current Intensity (Amperes) X Resistance (Ohm)

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Summary Think about, talk about and demonstrate good behaviour

	Standards	Electrical Safety Standard	
Electrical	Non-Negotiables	 People Installations Methods Tools 	
WORK OF MENT	Getting it Right	 We get it right more than we get it wrong We need to remind each other why the non-negotiables are in place We need to respect each other and look out for each other We need to consider the impact COVID-19 has on how we think 	



Who's waiting for you to come home safely?

Questions & Answers

Everyone goes home Safely