

VOCABULARIO Y PRÁCTICA

ELECTRICAL TOOLS & PPE

English-Spanish Lesson for Electricians

Jose David Cordoba & Edi Santiago Pulgarin



PART 1: ELECTRICAL TOOLS

Herramientas Eléctricas

1. SCREWDRIVER

WHAT IS IT FOR? / ¿PARA QUÉ SIRVE?

To tighten or loosen screws.

Para apretar o aflojar tornillos.

EXAMPLE / EJEMPLO:

"Use the **screwdriver** to secure the wire."

"Usa el destornillador para asegurar el cable."



2. PLIERS

WHAT IS IT FOR? / ¿PARA QUÉ SIRVE?

To hold, bend, and cut electrical wires.

Para sostener, doblar y cortar cables eléctricos.

EXAMPLE / EJEMPLO:

"Hold the copper wire with the **pliers**."

"Sostén el cable de cobre con los alicates."



3. WIRE STRIPPER

DEFINITION / FUNCIÓN

To remove the plastic insulation from wires.

Para quitar el aislamiento de plástico de los cables.

ACTION VERB / VERBO:

To strip (Pelar el cable)



4. VOLTAGE TESTER

WHAT IS IT FOR? / ¿PARA QUÉ SIRVE?

To check if electricity is present in a cable.

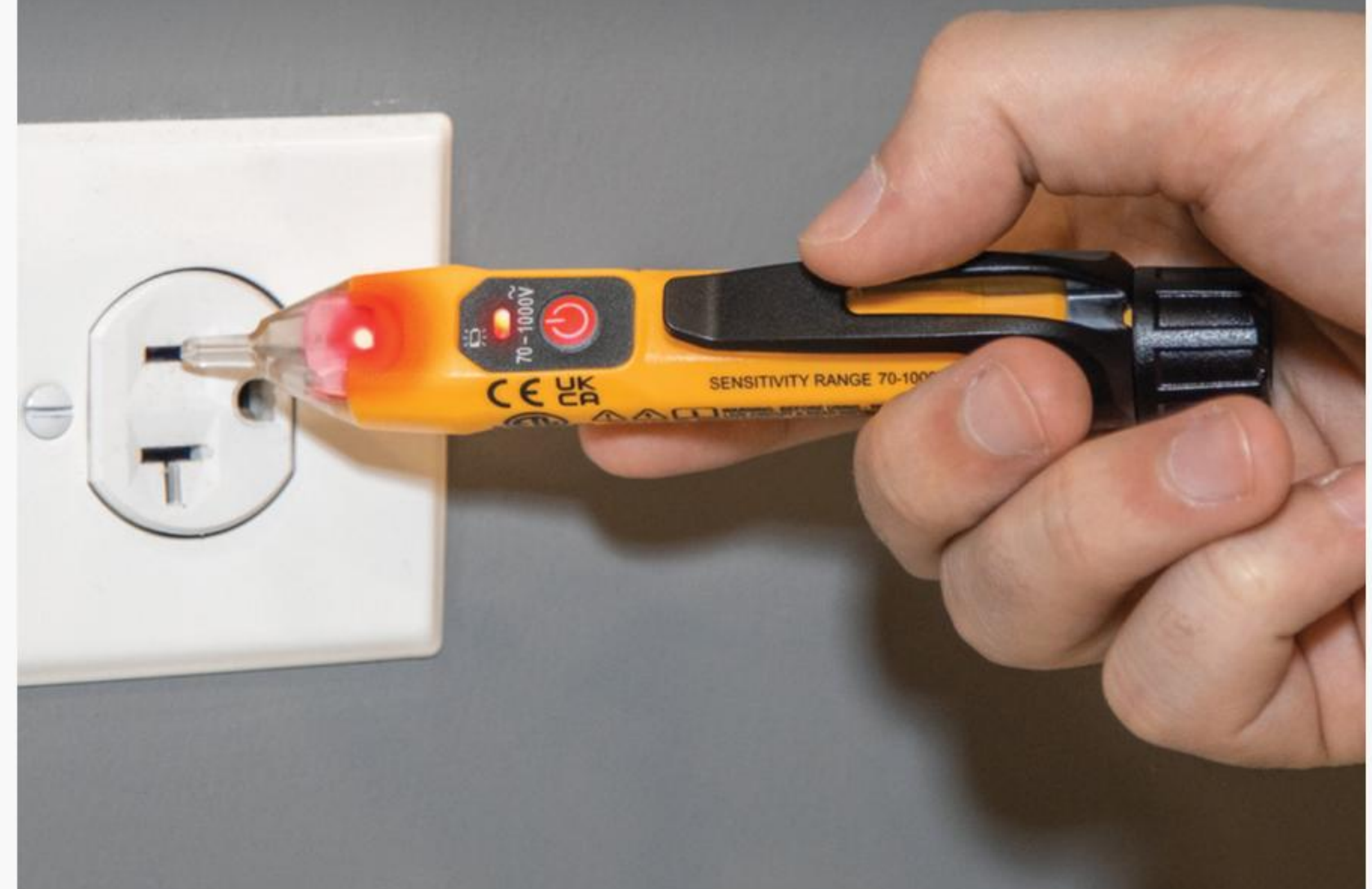
Para verificar si hay electricidad en un cable.

EXAMPLE / EJEMPLO:

"Test the wire first with a **voltage tester**."

"Prueba el cable primero con un probador de voltaje."

WHEN VOLTAGE IS DETECTED,
A BRIGHT RED LED ILLUMINATES AND
AN AUDIBLE TONE WILL SOUND



5. MULTIMETER

WHAT IS IT FOR? / ¿PARA QUÉ SIRVE?

To measure voltage, current, and resistance.

Para medir voltaje, corriente y resistencia.

EXAMPLE / EJEMPLO:

"Measure the battery voltage with the **multimeter**."

"Mide el voltaje de la batería con el multímetro."



PART 2:

ELECTRICAL PPE

Equipo de Protección Personal

1. HARD HAT

WHAT IS IT FOR? / ¿PARA QUÉ SIRVE?

To protect your head against impact or falling debris.

Para proteger tu cabeza contra impactos o caída de escombros.

EXAMPLE / EJEMPLO:

"Always wear your **hard hat** on site."

"Usa siempre tu casco de seguridad en el sitio."



VISUAL & FOOT PROTECTION



2. SAFETY GLASSES

Protect eyes from sparks.

Protege los ojos de chispas.



3. DIELECTRIC BOOTS

Insulated soles for shocks.

Botas aislantes contra descargas.

BODY & HAND PROTECTION



4. INSULATED GLOVES

Blocks electrical current.

Bloquea la corriente eléctrica.



5. DIELECTRIC COVERALL

Flame-resistant bodysuit.

Overol resistente al fuego.

READY TO PRACTICE?

¿Listo para practicar?



Stay Safe!

¡Mantente seguro!



Keep practicing.

Sigue practicando.

IMAGE SOURCES



https://pisces.bbystatic.com/image2/BestBuy_US/images/products/4a98683f-a2e8-48a7-a25f-09474ad4b121.jpg;maxHeight=828;maxWidth=400?format=webp

Source: www.bestbuy.com



https://www.arkelectrical.com.au/cdn/shop/products/3795E8873A7508DBC9B05210ACCFD26B6575B6BBF6A1CCBA9AAFC672CD2248B6_533x.jpg?v=1756950618

Source: www.arkelectrical.com.au



https://www.kincrome.com.au/images/ProductImages/K4001_2.jpeg

Source: www.kincrome.com.au



https://cdn11.bigcommerce.com/s-7xlqxgzr6e/images/stencil/1280x1280/products/11010/36481/Klein-NCVTIXTKIT-image-03jpg__52894.1760987310.jpg?c=2?imbypass=on

Source: www.citylightsusa.com



<https://electricalacademia.com/wp-content/uploads/2017/06/digital-multimeter-labelled-1024x873-1.webp>

Source: electricalacademia.com



<https://imagedelivery.net/ICWTP6FWPGokq8hKKaA1Qg/22e98678-46c9-4098-af94-fc8aa1027000/medium>

Source: www.thesafetysupplycompany.co.uk

IMAGE SOURCES



https://i5.walmartimages.com/seo/Clear-Safety-Glasses-for-Men-and-Women-Lightweight-Work-Glasses-Scratch-Resistant-Anti-Fog-Safety-Glasses-with-Superior-UV-Protection_44beafd9-4354-48ec-86f0-431dcc9ecd1e.c970563ab0d81e2168d97779ee72d3de9.jpeg?odnHeight=768&odnWidth=768&odnBg=FFFFFF

Source: www.walmart.com



https://www.mjstraders.com/images/thumbs/0007659_hs-dbs5-dielectric-safety-boots_625.jpeg

Source: www.mjstraders.com



https://www.magidglove.com/media/catalog/product/M/O/M014R_HERO1.jpg?optimize=high&bg-color=255,255,255&fit=bounds&height=700&width=700&canvas=700:700

Source: www.magidglove.com



<https://voltsafety.com.au/wp-content/uploads/2024/02/ARC-COVERALL2-P-O-I-WR.jpg>

Source: voltsafety.com.au

