SAF-T-GARD® International, Inc.

VOLTGARD® DC TESTING SERVICES FOR RUBBER INSULATING PRODUCTS

BRINGING WORKERS HOME SAFELY SINCE 1936

VOLTGARD® "Our Name Says It All"

THE NEED FOR DC TESTING:

The computers, LEDs, solar cells and electric vehicles heavily used today are all powered by DC electricity. Moreover, the ASTM Specifications for Electrical Protective Equipment for Workers generally include DC test voltages and maximum use voltages for safety. As such, it makes sense to DC test rubber insulating products for use in applications where there is exposure to DC, including (but not limited to) the following:

DC TESTING

- Electric vehicles (*EV*), both fully electric and plug-in hybrid
- Renewable power generation (*wind and solar particularly*)
- Electrified mass transit and transportation

THE VOLTGARD® TEST LAB IS EQUIPPED FOR YOUR DC TESTING NEEDS!

- The exponential growth in renewable power generation (*wind and solar particularly*), as well as electric vehicles (*EV*), both fully electric and plug-in hybrid, adds additional hazards and risks to the manufacture and servicing of these vehicles.

- Saf-T-Gard® International Inc., a global market leader in electrical protective equipment for workers, is uniquely qualified to work with your facility and keep your employees safe and complaint. Our **Voltgard® Test Lab** is the largest, independent, NAIL4PET-accredited test lab for rubber insulating products in the United States.

DO YOU HAVE RUBBER GOODS THAT NEED TO BE TESTED?
VISIT WWW.VOLTGARD.COM TO ACCESS THE VOLTGARD® RUBBER INSULATING PRODUCTS TESTING ORDER FORMS TO GET STARTED. ***#testithowyouuseit***

WWW.SAFTGARD.COM

800 • 548 • GARD (4273)

VOLTGARD® "Our Name Says It All"

VOLTGARD® DC TESTING SERVICES

FOR USE WITH EV & OTHER DC POWERED SYSTEMS

TEST YOUR RUBBER INSULATING PPE ACCORDING TO APPLICATION:

- The **Voltgard® Test Lab** acts as the off-site lab for numerous auto manufacturers, automobile service and repair shops, public transportation, utilities, telecom companies, contractors, municipalities and industrial facilities nationwide by providing full-service testing and recertification of:

Rubber Gloves • Sleeves • Blankets* • Line Hose • Covers • Dielectric Footwear • Jumper Cables*
Grounding Sets • Plastic Guards • Hot Sticks • Matting • Hoods • Insulating Hand Tools

- The **Voltgard®** facility is outfitted with state-of-the-art equipment for the complete testing of these products, including: washing, visual inspecting, and electrical testing – all to applicable ASTM standards.

- All rubber protective equipment tested by the **Voltgard® Test Lab** undergoes this rigorous sequence to ensure that your employees are always using safe equipment.

- **It is important to understand the application of the job at hand, as the Voltgard® Test Lab recommends testing rubber insulating PPE as close as possible to the environment that it will be used:**
  - All rubber insulating gloves are tested at AC voltages for general use and clearly marked with the AC maximum use voltage prior to shipment.
  - All rubber insulating gloves tested at DC voltages are clearly marked with the DC maximum use voltage.

** DC testing is available for rubber insulating gloves and blankets.*

ASTM LABELLING CHART FOR RUBBER INSULATING GLOVES

CLASS	TEST AC VOLTS	MAXIMUM USE AC VOLTS	TEST DC VOLTS	MAXIMUM USE DC VOLTS	LABEL COLOR	LABEL IMAGE
00	2,500	500	10,000	750	BEIGE	10 MANUFACTURER / BRAND ANSI / ASTM CLASS 00 MADE IN COUNTRY D120 TYPE I MAX USE VOLT 500V AC
0	5,000	1,000	20,000	1,500	RED	10 MANUFACTURER / BRAND ANSI / ASTM CLASS 0 MADE IN COUNTRY D120 TYPE I MAX USE VOLT 1000V AC
1	10,000	7,500	40,000	11,250	WHITE	10 MANUFACTURER / BRAND ANSI / ASTM CLASS 1 MADE IN COUNTRY D120 TYPE I MAX USE VOLT 7500V AC
2	20,000	17,000	50,000	25,500	YELLOW	10 MANUFACTURER / BRAND ANSI / ASTM CLASS 2 MADE IN COUNTRY D120 TYPE II MAX USE VOLT 17000V AC
3	30,000	26,500	60,000	39,750	GREEN	10 MANUFACTURER / BRAND ANSI / ASTM CLASS 3 MADE IN COUNTRY D120 TYPE II MAX USE VOLT 26500V AC
4	40,000	36,000	70,000	54,000	ORANGE	10 MANUFACTURER / BRAND ANSI / ASTM CLASS 4 MADE IN COUNTRY D120 TYPE II MAX USE VOLT 36000V AC

When it comes to protecting your electrical workers, don't trust just anyone with their safety. Trust the experts with more than 85 years of experience and excellence. **TRUST SAF-T-GARD.**

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www.saftgard.com

Prices are subject to change without notice.

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