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Fact Sheet Regarding Electroshock Weapons: *Electroshock weapons (ESWs) were non-scientifically developed and prematurely deployed prior to the development of any standards for safety, effectiveness or performance.*

1. ESWs are unregulated weapons.
2. There are no standards for safety, effectiveness or performance, outside of ESW manufacturer specifications.
3. The purpose of measuring the electrical output of ESWs is to determine properly functioning operation, i.e., operating within the manufacturer specifications.
4. The regular measurement of ESWs increases officer and public safety by ensuring that only proper functioning weapons are deployed i.e., within a manufacturer specification.
5. ESW manufacturers have acknowledged that law enforcement agencies and officers are responsible for ensuring that ESWs are operating properly prior to deployment.
6. The purpose of "spark testing" an ESW is to "energize the circuit." While a "spark test" may *validate* the presence of a battery, circuit, and a spark, it cannot *verify* an ESW is within manufactures specifications of output.
7. Measurement of ESWs is critical given that manufacturers have acknowledged that there are many factors [outside of manufacturer control] that can cause the electrical current discharged from these weapons to vary, be ineffective, or malfunction.
8. These factors include faulty, defective, or damaged electronic components, improper handling, poor maintenance, miscellaneous mechanical, electronic or firmware issues, defective or weak batteries, and environmental conditions.
9. ESW manufacturers have disclosed, "Product specifications may change without notice."
10. ESW manufacturers have disclosed that ESWs are "sensitive pieces of electronic equipment."
11. Independent labs have found ESWs operating outside of a manufacturer's specifications.
12. Manufacturers have acknowledged that ESW deployments can cause cardiac capture.
13. Regular measurement of ESWs ensures proper operation, increases officer and public safety, while reducing the liability and litigation for municipalities, departments, agencies and officers.
14. The measurement of ESWs should be performed by law enforcement agencies or independent labs in order to prevent potential conflicts of interest and preserve evidentiary data.
15. The National Institute of Standards and Technology (NIST), International Electrotechnical Commission (IEC), other law enforcement agencies, and organizations recognize the need for independent measurement of ESWs to ensure proper functioning within manufacture specifications.