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Foreword

(This Foreword is not a part of IEEE Std 510-1988, IEEE Recommended Practices for Safety in High-Voltage and High-Power Testing.)

Safety is of major importance and should be of major concern to all who are involvoj 0,a afend should beVymJ0(olv should o1.ty5,i8 af

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2. References

[1] ANSI C2-1981, National Electrical Safety Code.

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4. Hot Line Tools and Rubber Protective Equipment

1) Adequately rated insulated equipment should be used when switching or maintaining electrical equipment while it is energized. Electric equipment and lines should be considered energized until determined to be de-

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5.3 Access to Test Areas

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5.7 Safety Inspection

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a) Any capacitive object which is not in use but may be in the influence of a dc electric field should have

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b) Whenever hazardous substances such as dust, fumes, mist, vapors, or gases exist or are produced in the course of high-power test work, appropriate approved respiratory protective devices should be worn by personnel present in the test area.

5) Personnel-protective equipment recommended herein should be in conformance with National Concensus Standards or regulations, or both. Some sources of concensus standards and regulations are referenced in Appendix B.

7.3.3 Special Equipment

1) Test Cell

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8.3.6

All high-voltage generating equipment should have provisions for external connections (interlock) which, when open, cause the high-voltage source to be switched off. These connections may be used for external safety interlocks in barriero65

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A. Typical Interlock Systems

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A.3.3

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B. Sources of National Consensus Standards and Regulations

(Informative)

National Consensus standards or OSHA regulations governing methods or devices to which reference is made in this standard are listed below.

In North America:

(ANSI) American National Standards Institute, Inc, 1430 Broadway, New York, NY 10018.

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