

ANSI/ESD S13.1-2015

ESD Association Standard

ANSI/ESD S13.1-2015

Revision and re-designation of ESD STM13.1-2000

*For the Protection of Electrostatic
Discharge Susceptible Items*

*Electrical Soldering/Desoldering
Hand Tools*



*Electrostatic Discharge Association
7900 Turin Road, Bldg. 3
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*An American National Standard
Approved December 23, 2015*

***ESD Association Standard for
the Protection of Electrostatic Discharge
Susceptible Items -
Electrical Soldering/Desoldering Hand Tools***

Approved June 23, 2015
EOS/ESD Association, Inc.



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Published by:

Electrostatic Discharge Association
7900 Turin Road, Bldg. 3
Rome, NY 13440

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Printed in the United States of America

ISBN: 1-58537-286-2

(This foreword is not part of ESD Association Standard ANSI/ESD S13.1-2015.)

FOREWORD

Electrical overstress (EOS) and electrostatic discharge (ESD) can damage or degrade certain electronic components and assemblies. The intent of this standard is to provide test requirements for soldering/desoldering hand tools used in ESD Safe work areas or on materials that are deemed to be ESD sensitive. The methods described herein can be used during procurement, qualification and verification of soldering/desoldering hand tools to verify that electrical integrity has not been compromised that could result in EOS/ESD damage. There has been no attempt to define how the soldering irons are to be used.

This standard¹ was originally approved on May 21, 2000 and was designated ESD STM13.1-2000. ANSI/ESD S13.1-2015 is a revision and redesignation of ESD STM13.1-2000 and was approved on June 23, 2015.

At the time ANSI/ESD S13.1-2015 was prepared, the 13.0 Hand Tools Subcommittee had the following members:

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¹ **ESD Association Standard (S):** A precise statement of a set of requirements to be satisfied by a material, product, system or process that also specifies the procedures for determining whether each of the requirements is satisfied.

The following individuals contributed significantly to the development of ESD STM13.1-2000:

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