

SUGGESTED LANGUAGE FOR SINGLE STRAND ALUMINUM WIRING

The suggested language for single strand aluminum wiring has been presented in two formats.

1. Evaluation: (No signs or tangible evidence of defects)
2. Evaluation and Repair: Hazardous:(Signs and or tangible evidence of immediate concerns)

1. Basic: Level One: (No signs or tangible evidence of defects)

The electrical system of this home has single strand aluminum wiring present on the lighting and receptacle branch circuits. As a result of documented fire hazards, the use of single strand aluminum wiring for lighting and receptacle branch circuits was discontinued in 1974 until material improvement could be made. Due to the concealed nature of the electrical components, the general condition of the system could not be determined during the home inspection. A licensed electrical contractor should be consulted for a complete evaluation of the electrical system to determine if repair, modification, or replacement is needed to ensure safe and reliable service. For more information on aluminum household wiring and recommended repair methods, refer to the C.P.S.C. booklet "Repairing Aluminum Wiring." The toll-free hotline number for obtaining this booklet is 1-800-638-2772, or you can visit:

<https://www.cpsc.gov/s3fs-public/516.pdf>

2. Hazardous: Level Two: (Signs and or tangible evidence of immediate concerns)

The electrical system of this home has single strand aluminum wiring present on the lighting and receptacle branch circuits. As a result of documented fire hazards, the use of single strand aluminum wiring for lighting and receptacle branch circuits was discontinued in 1974 until material improvements could be made. At the time of the inspection, the following hazardous conditions related to the electrical system were noted:

(Modify or expand the list per inspection discoveries)

1. Receptacles that were not functional
2. Receptacles with visible damage
3. Receptacles and switches which were noted to be warm to touch
4. Light fixtures that presented significant flickering
5. Light Fixtures that were not functional
6. Visible evidence of overheating of (enter device type and location)
7. Damaged electrical junction and or connections

A licensed electrical contractor should be consulted to repair immediate safety hazards and for a complete evaluation of the electrical system to determine additional if repairs, modification, or replacement is needed to ensure safe and reliable service. For more information on aluminum household wiring and recommended repair methods, refer to the CPSC booklet "Repairing Aluminum Wiring." The toll-free hotline number for obtaining this booklet is 1-800-638-2772, or you can visit: <https://www.cpsc.gov/s3fs-public/516.pdf>

North Carolina Home Inspector Licensure Board
Suggested Language Statements
Revised and Submitted for Board Approval by Bonnie Gregory
Gregory Enterprises: The Home Inspection Training Center
NC Update 2018

Standards of Practice/Rules/Interpretations Committee approved:

(Date) October 12, 2017

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A handwritten signature in black ink, appearing to read "Harold L. Upton". The signature is fluid and cursive, with a large loop at the end.

Harold "Butch" Upton

Chairman

North Carolina Home Inspector Licensure Board