

Safety Checklist for Kitchens

VIRGINIA POLYTECHNIC INSTITUTE
AND STATE UNIVERSITY LIBRARIES

WORK TRIANGLE & TRAFFIC FLOW

- | | | | |
|--|--------------------------|--------------------------|--------------------------|
| | <i>satisfactory</i> | <i>unsatisfactory</i> | <i>not applicable</i> |
| Sum of the sides of the work triangle is 22 feet or less | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Traffic flow pattern and work triangle relationship | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Spacing between fixtures (48 inches minimum) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

CABINETS

- | | | | |
|---|--------------------------|--------------------------|--------------------------|
| Cabinet door operation | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Top shelves of wall cabinets located no more than 72 inches above floor | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Countertops 36 ± 1/4 inches above floor | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Mix center countertop 32 ± 1/4 inches above floor | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| All countertops flush, providing two smooth continuous work surfaces | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Width of countertop 24 inches maximum under wall cabinets | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Width of countertop 30 inches maximum without wall cabinets | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

DOORS

- | | | | |
|---|--------------------------|--------------------------|--------------------------|
| Door swing relationship with appliances | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Door swing relationship with work triangle | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Door swing relationship with other doors | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Door swing relationship with normal traffic pattern | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Door position when fully open | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

APPLIANCES

- | | | | |
|---|--------------------------|--------------------------|--------------------------|
| Refrigerator door swings away from work triangle | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Refrigerator door swing relationship with other fixtures | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Countertop space adjacent to range surface unit and oven | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Range hood installed 56 inches above floor when hood depth is 17 inches or less | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Range hood installed 60 inches above floor when hood depth is 18 inches or more | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Range hood free of sharp corners, points and edges | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Exhaust discharges to the exterior | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Garbage disposer operated by a momentary contact switch located a minimum of 6 linear feet from the disposal opening | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

ELECTRICAL AND LIGHTING

- | | | | |
|--|--------------------------|--------------------------|--------------------------|
| Illumination levels: (minimal levels) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Kitchen sink – 70 footcandles | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Range surface – 50 footcandles | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Countertops – 50 footcandles | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Ironing board/machine – 50 footcandles | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

KITCHENS (cont.)

	<i>unsatisfactory</i>	<i>satisfactory</i>	<i>not applicable</i>
Desks - 30 footcandles	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Laundry tray - 50 footcandles	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Washing machine - 30 footcandles	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
General area - 30 footcandles	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Before building, consult the BOCA code.

Extension Division • Virginia Polytechnic Institute and State University • MI-175 • September 1977

Prepared by Helen L. Wells, Housing Specialist

Originally prepared for the Office of Research and Technology, U.S. Department of Housing and Urban Development,
 "A Design Guide for Home Safety" HUD-RT-17 January 1972

Issued in furtherance of Cooperative Extension work, Acts of May 8 and June 30, 1914, in cooperation with the U.S. Department of Agriculture. W. R. Van Dresser, Dean, Extension Division, Cooperative Extension Service, Virginia Polytechnic Institute and State University, Blacksburg, Virginia 24061.

The Virginia Cooperative Extension Service by law and purpose is dedicated to serve all people on an equal and nondiscriminatory basis.
 An Equal Opportunity/Affirmative Action Employer