



# Clark County Department of Building & Fire Prevention

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<b>Division:</b>	Building Division – Plans Exam	<b>Code Interpretation</b>	BP-CI-034
<b>Subject:</b>	NON-METALLIC PIPING/CONDUIT IN TYPE I OR TYPE II BUILDINGS	<b>Effective Date:</b>	06/01/2009
<b>Code:</b>	701.1.2.1 Southern Nevada UPC Amendments 300.1 Southern Nevada NEC Amendments	<b>Revised Date:</b>	

## A. CODE REQUIREMENT

The use of non-metallic (combustible) water piping, waste & vent piping, and electrical conduit shall be limited to underground installations and only within Type III, IV or V (combustible) buildings, as defined by the International Building Code (IBC), unless otherwise approved by local code amendments.

## B. INTERPRETATION

Non-metallic piping and conduit is permitted underground and under the slab-on-grade of any building of any type of construction; however, metallic (non-combustible) piping and conduit must be used within a Type I or Type II (non-combustible) building.

The point of transition from non-metallic piping or conduit to metallic piping or conduit in a Type I or Type II building shall be made below the slab-on-grade. The piping or conduit penetration of the slab-on-grade into the Type I or Type II building shall be of metallic materials, unless otherwise approved by the adopted code or code amendments.

## C. RATIONALE

The transition connection below the building slab-on-grade will assure that no part of the combustible piping or conduit will be within a Type I or Type II (non-combustible) building.

### Revision History:

POLICY #	TITLE	Effective Date	Revised	Reviewed
BP-CI-034	Non-metallic Piping/Conduit in Type I or Type II Buildings	June 1, 2009	New	

Approved by:

Ronald L. Lynn, Director

Concurred by:

Gregory J. Franklin, Assistant Director

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