



Clark County Building Department

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Division:	Plans Examination	Code Interpretation	BP-CI-034
Subject:	NON-METALLIC PIPING/CONDUIT IN TYPE I OR TYPE II BUILDINGS	Effective Date:	06/01/2009
Code:	701.1.2.1 Southern Nevada UPC Amendments 300.1 Southern Nevada NEC Amendments	Revised Date:	01/14/2014

A. CODE REQUIREMENT

The 2009 UPC, 2008 NEC and earlier adoption of codes limited the use of non-metallic (combustible) water piping, waste & vent piping, and electrical conduit 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	
BP-CI-034	Non-metallic Piping/Conduit in Type I or Type II Buildings		January 14, 2014	

Approved by:

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