



Clark County Building and Fire Prevention Field Inspection Division **FIELD INSPECTION GUIDELINE**

Division:	Inspections	Policy & Procedure:	FIG-E-006
Subject:	Foreign System	Effective Date:	11/09/2006
Code:	2017 NEC Section 110.26 (E) (1) (a) through (d)	Revised Date:	10/01/2020
Proposed:	Matthew Brewer	Approved:	Sam Palmer

Interpretation:

Dedicated equipment space is the space equal to the width and depth of the equipment, and extending 6 feet above the equipment or to the structural ceiling, whichever is lower.

The area above dedicated equipment space is permitted to contain foreign systems (piping, ducts, or systems servicing the building) provided protection is installed below foreign systems to avoid damage to the electrical equipment from condensation, leaks, or breaks.

Field Application:

Protection of the equipment is required if the foreign system transports or contains liquid type products or where condensation may occur.

- Foreign systems containing liquid, fluid, or gas products under pressure shall be installed through piping sleeves for leak protection.
- Foreign systems that transport liquid or fluid products not under pressure shall be allowed to use a drip pan with appropriate draining system.
- Dry systems such as air ducts for heating and/or air conditioning do not present a hazard so protection is not required.