

KINETICS SEISMIC INSTALLATION INSPECTION

Piping/Ductwork Deviation

Cable Restrained Ductwork/Piping

Project: _____ P.O. Number: _____ Inspection Date: _____
Pipe/Duct Size: _____ Ref No: _____ Performed By: _____

- 1) What is the basic concern in the restraint at this location _____

- 2) What is the observed Cable size and is it adequate? Yes, Comment _____

- 3) Is the restraint connection to the equipment consistent with that modeled in the analysis?
 Yes, Comment _____
- 4) Is the restraint connection to the structure consistent with that modeled in the analysis?
 Yes, Comment _____
- 5) Is the mounting hole diameter 1/8" or less greater than the attachment hardware diameter or is it grouted to prevent lateral motion between the equipment, restraint component and structure?
 Yes, Comment _____

If Anchored to Concrete

Anchor Type and Manufacturer

As specified in calculation, Other _____

Is Embedment Consistent with analysis?

Yes, Comment _____

How was Embedment Determined? _____

If attached to beam or truss

Is connection secure and such that the beam or truss is not subjected to undesirable strain?

Yes, Comment _____

- 6) Is the Support strength adequate for the seismic load?
 Yes – Based on _____
 Not Determined – Must be verified by Equipment manufacturer
Comments _____
- 7) Is the localized building structure adequate for the seismic load?
 Yes – Based on _____
 Not Determined – Must be verified by the building structural engineer
Comments _____
- 8) Based on the above, recommendations to ensure that the equipment is restrained adequately to meet specified code requirements? Yes, No, Not Determined, Yes with conditions _____

This inspection is applies to the connection between the restrained equipment and the structure only. Kinetics bears no responsibility for the ability of either of these components to resist the seismic load or remain operational after the seismic event. This inspection is subject to all items identified on the standard disclaimer that are not otherwise addressed explicitly by this inspection. No other warranty, expressed or implied, is made or intended. 7/05/2002

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