



Quality Control for Autodesk® Revit® MEP Models

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Learning Objectives

At the end of this class, you will be able to:

- Use Filters for QC of Worksets
- Resolve Common Modeling Mistakes Using Filters
- Resolve Common Modeling Mistakes Using Model Review
- Create a QC Checklist

Use Filters for QC of Worksets

Worksets

- Shared levels and grids
 - Levels and grids
 - Reference planes
 - Matchlines
 - MEP elements
- Specific views and filters
- Model Review add-in



Resolve Common Modeling Mistakes Using Filters

Common Modeling Mistakes

- Element meant for the ceiling is on the floor
- Wall elements with no elevation
- Wall elements on a horizontal face
- Create filters based of family names



Resolve Common Modeling Mistakes Using Model Review

Model Review Add-in

- Elevation is exposed
- Create a check
- Run the check
- Host element is exposed



Create a QC Checklist

QC Checklist

- Format the questions so No is a fail
- Break the list into sections
- Put questions in order of
 - Documented steps for setup
 - Elements and their parameters examined
- Not all warnings are bad



Class Summary

- Quality control for worksets can be easy
- QC views make it easy to correct the model
- Element mishosting is harder to find
- Model Review add-in
- QC Checklist

