

MSU Standards for Construction
Design Guidelines - Mechanical
Changes in March 2015

The Design Guidelines – Mechanical section of the MSU Standards for Construction has been modified in the following area:

Mechanical Design – HVAC – Heating Systems (Part 6B)
Added content

- Steam Heating Coils
 - ◇ Standard steam distributing coils are suitable for applications involving little or no outside air heating requirement, where mixed air temperatures are assured to be above 40 degree F.
 - ◇ Integral face and by-pass steam heating coils must be used for all applications where large percentage of outside air are to be heated (mixed air temperature is below 40 degree F). Their non-freeze characteristics insure their continued reliability.
 - ◇ Provide adequate spacing between face and bypass steam heating coil and cooling coil to assure proper mixing of heated and bypassed air to prevent nuisance of tripping low limit control.



**Infrastructure
Planning and
Facilities**

Engineering
Architectural
Services

Michigan State University
1147 Chestnut Road
East Lansing, MI 48824

517-355-3372
Fax: 517-353-6358
www.eas.msu.edu