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DIN 4150-3 klassificerer bygninger i tre kategorier  
og fastlægger det vejledende niveau for hver  
klasse, fordelt på fire frekvensområder, jf. tabel  
1 og figur 1. Grænseværdier for  
svingningshastigheden  $v$  i til vurdering af

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virkingen af kortvarige vibrati-oner. Kate- gori  
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## DIN 4150-3:2016 - Vibrations in buildings - Part 3

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Page 4 DIN 4150-3 : 1999-02 Table 1: Guideline values for vibration velocity to be used when evaluating the effects of short-term vibration on structures Guideline values for velocity,  $v_i'$  in mm/s  
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vibrations on buildings which have been designed

for predominantly stationary loading where data of this nature are not given in other standards or directives.

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The monitoring system according to DIN-4150-3 for Class 3 buildings is composed by three triaxial vibration velocity seismometers installed on the building's foundation level. The main specifications are showed in Table 2. Each seismometer was

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