

Owner / Applicant Information

Scott Brown
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6370 AMERIPLEX DRIVE 110

PORTAGE IL 46368

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Submitter Information

Renata Gryzik
KONE ELEVATOR
1080 Parkview Blvd.

Lombard IN

Phone 6304325166

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Project Information

Woodspring Suites Merrville
1500 E. 83rd Street

Merrville IL 46410

County LAKE

Project Type New ☒ Y Addition ☐ Alteration ☐ Existing ☐ Change of Occupancy ☐

Project Status ☒ U F=Filed U or Null=Unfiled

IDHS Issued Correction order? ☒ No Has Violation been Issued? ☒ No

Violation Issued by: NA

Local Building Official

Phone: Email:

Local Fire Official

Phone: Email:

Variance Details

Code Name: Other Code (Not in the list provided)
ASME A17.1-2007 Sec. 2.20.4

Conditions:

The new elevator is a KONE EcoSpace. The provided hoisting and counterweight ropes are not less than the 9.5mm as stated in A17.1. The machine is mounted at top of hoistway to main guide rail.
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DEMONSTRATION THAT PUBLIC HEALTH, SAFETY, AND WELFARE ARE PROTECTED:

1=Non-compliance with the rule will not be adverse to the public health, safety or w

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2= Applicant will undertake alternative actions in lieu of compliance with the rule to ensure that granting of the variance will not be adverse to public health, safety, or welfare. Explain why alternative actions would be adequate (be specific).

Facts:

The technology of the Ecospace elevator is newer and not addressed by the 2007 ASME code. This equipment has previously been approved and installed in the State of Indiana. The installation does not comply with the 2004/2005 supplements to aSME A17.1 (ASME A17.1-2005).

DEMONSTRATION OF UNDUE HARDSHIP OR HISTORICALLY SIGNIFICANT STRUCTURE:

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 Imposition of the rule would result in an undue hardship (unusual difficulty) because of physical limitations of the construction site or its utility services.

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 Imposition of the rule would result in an undue hardship (unusual difficulty) because of major operational problems in the use of the building or structure.

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 Imposition of the rule would result in an undue hardship (unusual difficulty) because of excessive costs of additional or altered construction elements.

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 Imposition of the rule would prevent the preservation of an architecturally or a historically significant part of the building or structure

Facts:

The technology of the Ecospace elevator is newer and not addressed by the 2007 ASME code. This equipment has previously been approved and installed in the State of Indiana. The installation does not comply with the 2004/2005 supplements to aSME A17.1 (ASME A17.1-2005).

Variance Details

Code Name: Other Code (Not in the list provided)

ASME A17.1-2007Sec. 2.18.4.2.5

Conditions: the new elevator is a KONE EcoSpace. The governor switch can be reset remotely from the controller.

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Facts: The technology of the EcoSpace elevator is newer and not addressed by the 2007 ASME code. This equipment has previously been approved and installed in the State of Indiana.

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Facts:

Variance Details

Code Name: Other Code (Not in the list provided)

ASME A17.1-2007 Sec. 2.22.1.1

Conditions: 2007 A17.1 Code does not mention "elastomeric" type buffers. It is included in the 2016 code. Variance is being applied for until the 2016 code becomes the Indiana standard.

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2= Applicant will undertake alternative actions in lieu of compliance with the rule to ensure that granting of the variance will not be adverse to public health, safety, or welfare. Explain why alternative actions would be adequate (be specific).

Facts: The buffers being provided by KONE for this project are approved per the latest ASME A17.1-2016 Code.

2007 A17.1 Codes does not mention "elastomeric" type buffers. it is included in the 2016 code. Variance is being applied for until the 2016 code becomes the Indiana standard.

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Variance Details

Code Name: Other Code (Not in the list provided)

ASME A17.1-2007 Sec. 2.18.5.1

Conditions:

The new elevator is a KONE Ecospace. The provided governor rope is not less than the 9.5mm as stated in A17.1. The governor is mounted at top of hoistway to main guide rail.

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