

Owner / Applicant Information

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8350 NORTH ST. CLAIR AVENUE
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Submitter Information

Tim Moran
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Project Information

TRK Medical Office Building
1425 Glendale Blvd.

Valparaiso IL 46384

County PORTER

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

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

IDHS Issued Correction order? ☐ Has Violation been Issued? ☐

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, 2.22.1.1

Conditions: Section 2.22.1.1 ¿ Type of Buffers

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

KONE is proposing to use polurethane buffers for this project.

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

1

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 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

DEMONSTRATION OF UNDUE HARDSHIP OR HISTORICALLY SIGNIFICANT STRUCTURE:

☐

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

☒

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.

☐

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

☐

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

Facts:

Variance Details

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

Conditions:

Section 2.20.4 ħ Hoisting and counterweight ropes not less than 9.5mm

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. The proposed ropes are 8mm.

DEMONSTRATION THAT PUBLIC HEALTH, SAFETY, AND WELFARE ARE PROTECTED:

- 1

1=Non-compliance with the rule will not be adverse to the public health, safety or w
- 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 comply with the 2004/2005 supplements to ASME A17.1 (ASME A17.1-2005).

KONE proposes to use an 8mm wire rope for the hoisting and counterweight ropes

DEMONSTRATION OF UNDUE HARDSHIP OR HISTORICALLY SIGNIFICANT STRUCTURE:

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

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.
- Imposition of the rule would result in an undue hardship (unusual difficulty) because of excessive costs of additional or altered construction elements.
- Imposition of the rule would prevent the preservation of an architecturally or a historically significant part of the building or structure

Facts:

Variance Details

Code Name: Other Code (Not in the list provided)
A17.1-2007, 2.18.5.1

Conditions:

Section 2.18.5.1 - Governor Rope not less than 9.5mm

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

KONE proposes to use an 8mm rope for Governor rope

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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.

DEMONSTRATION OF UNDUE HARDSHIP OR HISTORICALLY SIGNIFICANT STRUCTURE:

DEMONSTRATION OF UNDUE HARDSHIP OR HISTORICALLY SIGNIFICANT STRUCTURE:

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- ☒ Y 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.
- ☐ Imposition of the rule would result in an undue hardship (unusual difficulty) because of excessive costs of additional or altered construction elements.
- ☐ Imposition of the rule would prevent the preservation of an architecturally or a historically significant part of the building or structure

Facts:

Variance Details

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

A17.1-2007, 2.18.4.2.5

Conditions:

Section 2.18.4.2.5 Ȑ The speed governor overspeed switch

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

KONE proposes to use remote speed governor switch which is standard in all KONE EcoSpace elevators.

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☒ 1

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.

DEMONSTRATION OF UNDUE HARDSHIP OR HISTORICALLY SIGNIFICANT STRUCTURE:

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- ☒ Y 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.
- ☐ Imposition of the rule would result in an undue hardship (unusual difficulty) because of excessive costs of additional or altered construction elements.
- ☐ Imposition of the rule would prevent the preservation of an architecturally or a historically significant part of the building or structure

Facts: