

Owner / Applicant Information

Brian Thompson

US Steel

1 N. BROADWAY

GARY IN 46402

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Submitter Information

Tom Sulhoff

ThyssenKrupp Elevator Corp.

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Project Information

US Steel - #4 Blast Furnace Elevator

1 N. Broadway

Gary IL 46402

County LAKE

Project Type New ☐ 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: 2198811377

Email: FHAWKINS@CI.GARY.IN.US

Local Fire Official

Phone: 2198811377

Email: KJNOWACZYK@USS.COM

Variance Details

Code Name: ASME A17.1 2017
Section 2.27.3.2

Conditions: ASME A17.1-2017

#4 Blast Furnace elevator hoistway does not have any smoke or heat detectors.

Requesting a variance to omit smoke and heat detectors in the elevator hoistway due to adverse conditions on site that repeatedly trigger false alarms of the smoke and heat detectors.

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: #4 Blast Furnace elevator is a very large freight car that is not available or accessible to the general public.

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.

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: The smoke and heat detectors are repeatedly set off all day due to the extreme building heat, smoke, dust, and adverse environmental conditions. Productivity is hindered and disrupted with time wasted having to stop work repeatedly throughout the day to turn off the false alarms.