Owner / Applicant Information

Sam Kern
Cleveland Cliffs Burns Harbor Iron Producing
250 W US HWY 12

BURNS HARBRO IN 46304

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Submitter Information

John Shebel
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Project Information

Cleveland Cliffs Burns Habor C-Blast Freight
250 W US HWY 12

Burns Harbor IN 46304

County PORTER

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: 2194653676 Email: mhaller@porterco.org

Local Fire Official
Phone: 2194653676 Email: rnowacki@burnsharbor - in.gov

Variance Details

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

ASME(A17.1 2007)2.27.3.2

Conditions: A17.1 2007 8.7.2.27.4 variance of A17.1 2007 2.27.3.2 phase 1 smoke detection initiating device.

Due to the environment of D-Blast Furnace. which has frequent presences of heat, smoke, dust and all floors are exposed to the outside, etc... A initiating device is not practical to be installed for this elevator.

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: D-Blast Elevator Produces molten iron, the by product of the processes to make such molten iron
is slag, heat, smoke, and dust.

This facility is closed to the public as it is a manufacturing facility with access granted to Cliffs employees and authorized contractors only.

DEMONSTRATION OF UNDUE HARDSHIP OR HISTORICALLY SIGNIFICANT STRUCTURE:

[Y] 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.

[Y] 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: Due to the processes at D-Blast Furnace, Cliffs is not able to mitigate high heat, smoke and dust to
accommodate smoke detection means for phase 1 recall. It has become practice in the past for a smoke detection variance to be approved by the commission due to these facts.