Owner / Applicant Information

Aaron Schnur
DHL Supply Chain
5425 EXPLORATION DRIVE

INDIANAPOLIS IN 46241

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Submitter Information

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Project Information

DHL Supply Chain (Cosmetics Division)
5425 Exploration Drive

Indianapolis IN 46241

County MARION

Project Type New [ ] Addition [ ] Alteration [ ] Existing [Y] 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: 3173275544 Email: planreview.Class1@indy.gov

Local Fire Official

Phone: 3173275544 Email: LHUDSON@DECATURFIRE.ORG

Variance Details

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

307.1, 2014 IBC

Conditions: DHL Supply Chain (DHL) is a third-party logistics company that has a new customer for which they
will provide storage and distribution operations in Suite 100 of the 5425 Exploration Drive building in Indianapolis.

The new customers¿ products consist of cosmetics, hair care, shampoos, and typical beauty aid
products.

A portion of the cosmetic products include perfumes and other beauty products that may contain ethanol and similar types of flammable and combustible (ignitable) liquids. The typical ¿on-hand¿ inventory of these products will be approximately 15,250 gallons.

The quantity of flammable- and combustible-liquid based product to be stored in racks will exceed the maximum allowable quantity (MAQ) per Table 307.1(1) to be stored in a moderate hazard warehouse - S-1 Occupancy. The project involves a tenant build-out of 142,500 square feet within the 650,000 square feet S- 1 occupancy building.

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

[2]

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: 1. In lieu of the restriction of MAQ of flammable- and combustible-liquid based product, storage racks will be protected in accordance with Fire Protection System Design Scheme ¿A¿ as addressed in Table 16.5.3.7 and Section 16.6.1 of the 2024 Edition of NFPA 30 and in Table 2.4.7.3.1 and Section D.2.2.1 of Factory Mutual 7-29 (Interim Revision; July 2025).
2. NFPA 30, permits the proposed storage configuration in a General Purpose Warehouse (equivalent to S-1 Occupancy in IBC), where protection is provided as specified in Chapter 16 of the standard.
3. See attached detailed Analysis and NFPA 30 excerpts from the tenant's fire protection consultant.

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: Restriction of quantities to MAQ (typically 240 gallons of Class IB) due to the age of our adopted Building Codes would prohibit the operation. The storage and distribution industries are continuously attempting to address the need for the widespread distribution, storage, and protection of consumer ignitable liquid products in small containers. Fortunately, the National Fire Protection Association and Factory Mutual Global foresaw and corrected an inequity in their own codes and standards several years ago involving flammable and combustible liquids packaged in small containers, which can now be utilized to safely store unlimited quantities of such products in a Group S-1 Occupancy area. The ignitable liquid products (hazardous materials) in question are retail/consumer sized cosmetic products consisting of

perfumes and other beauty products that may contain ethanol and similar types of ignitable liquids. The percentage of ignitable liquid components in these products vary greatly from below
20% up to 75%. The products are in small plastic and glass containers ranging from 0.05 ounces to 8.5 ounces. An inventory list containing the container sizes and product names is provided in the attachments.

The method has been approved previously in variances 19-01-44, 23-01-38 and 24-02-44.