FLAME PROPAGATION PERFORMANCE TREATMENT

Use this section to answer the following questions:

... Does a tent 400 sq. ft. or less have to meet the fppt requirements found in Sec. 3104.2?

... Do the requirements found in Sec. 3104.2 apply only to the tent top?

... Does a tent in excess of 400 sq. ft. have to meet both Sec. 3104.2 and Sec. 3104.3?
FLAME PROPAGATION PERFORMANCE TREATMENT

Amendment; LSA Doc. # 13 - 341 ( F )
675 IAC 22 - 2.5 ( eff. 12 - 01 - 14 )

THE OWNER OR AGENT SHALL FILE WITH THE FIRE CODE OFFICIAL A CERTIFICATE EXECUTED BY AN APPROVED TESTING LABORATORY CERTIFYING THAT THE TENTS AND MEMBRANE STRUCTURES AND THEIR APPURTENANCES; SIDEWALLS, DROPS, AND TARPANLINS; FLOOR COVERINGS, BUNTING AND COMBUSTIBLE DECORATIVE MATERIALS AND EFFECTS, INCLUDING SAWDUST WHEN USED ON FLOORS OR PASSAGEWAYS, ARE COMPOSED OF MATERIAL MEETING THE FLAME PROPAGATION PERFORMANCE CRITERIA OF NFPA 701 OR SHALL BE TREATED WITH A FLAME RETARDANT IN AN APPROVED MANNER AND MEET THE FLAME PROPAGATION PERFORMANCE CRITERIA OF NFPA 701, AND THAT SUCH FLAME PROPAGATION PERFORMANCE CRITERIA ARE EFFECTIVE FOR THE PERIOD SPECIFIED.
Amendment; LSA Doc. # 13 - 341 ( F )
675 IAC 22 - 2.5 ( eff. 12 - 01 - 14 )

- THE 3 CODE SECTIONS AMENDED IN THE SCOPE ARE 3104.7, 3104.15.5 AND 3104.15.6

- THESE 3 CODE SECTIONS PERTAIN TO OPEN OR EXPOSED FLAME AND / OR COOKING

- THE FPPT OF THIS TENT HAS NOTHING TO DO WITH OPEN FLAME AND / OR COOKING, THEREFORE,
DUE TO THE WAY THE SCOPE HAS BEEN WRITTEN, THIS TENT DOES NOT HAVE TO MEET SEC. 3104.2

THE TYPE OF ACTIVITY UNDER THIS TENT DOES NOT CHANGE HOW THIS SCENARIO IS HANDLED

THE INSTALLATION OF SIDEWALLS OR DROPS DOES NOT CHANGE HOW THIS SCENARIO IS HANDLED
ALSO, DUE TO THE SCOPE, THIS TENT DOES NOT HAVE TO MEET SEC. 3104.3, LABEL

THE TYPE OF ACTIVITY UNDER THIS TENT DOES NOT CHANGE HOW THIS SCENARIO IS HANDLED

THE INSTALLATION OF SIDEWALLS OR DROPS DOES NOT CHANGE HOW THIS SCENARIO IS HANDLED
SUMMARY: the following code sections govern this scenario

- Sec. 3101.1 – Scope

   THIS IS THE ONLY CODE SECTION THAT APPLIES IN CH. 31.
“Regular” Tents

- DUE TO THE SIZE OF THIS TENT, IN EXCESS OF 400 SQ. FT., ALL OF CHAPTER 31 IS APPLICABLE

- THEREFORE, SECTION 3104.2, *FLAME PROPAGATION PERFORMANCE TREATMENT*, APPLIES TO THIS TENT

- ALSO, SECTION 3104.3, *LABEL*, IS APPLICABLE TO THIS TENT; A LABEL BEARING THE SIZE AND FABRIC TYPE
"Regular" Tents

- The text found in Sec. 3104.2, *Flame Propagation Performance Treatment* is referring to a certificate executed by an approved testing laboratory certifying that the tent and the appurtenances (sidewalls, etc.) meet the criteria of NFPA 701.
Sec. 3104.2

“Regular” Tents

- OR, THE TENT AND THE APPURtenances (SIDEWALLS, DROPS, ETC.) SHALL BE TREATED WITH A FLAME RETARDANT IN AN APPROVED MANNER AND MEET THE

- FLAME PROPAGATION PERFORMANCE CRITERIA OF NFPA 701, FOR THE PERIOD SPECIFIED
MEMBRANE STRUCTURES OR TENTS SHALL HAVE A PERMANENTLY AFFIXED LABEL BEARING THE IDENTIFICATION OF SIZE AND FABRIC OR MATERIAL TYPE.
A PERMANENTLY AFFIXED LABEL

BEARING THE IDENTIFICATION OF SIZE, AND

FABRIC OR MATERIAL TYPE
Eureka! Party Tents
Binghamton, NY

Flame Retardant Process Will Not Be Removed From Washing

Fabric Meets Requirements Of:
NFPA-701 (Large Scale)  MIL-C-43006  FMVSS-302
CAN/ULC-S109-MB7  CPAI-84

Tent Size & Model  4X4  SX  New Traditional
Lot No.  71Y-144
Date Manufactured  3/1/06
Serial No.  V  003928

Made In USA
SUMMARY: the following code sections govern this scenario

- **Sec. 3101.1 – Scope**
- **Sec. 3104.2 – Flame propagation performance treatment**
  - Applicable to this scenario.
- **Sec. 3104.3 – Label**
  - Applicable to this scenario.
SMOKING

Use this section to answer the following questions:

… Is smoking permitted in a tent 400 sq. ft. or less?

… Are cigarettes, cigars and pipes treated the same?

… Do approved “no smoking” signs have to be posted in a tent in excess of 400 sq. ft.?
SMOKING SHALL NOT BE PERMITTED IN TENTS OR MEMBRANE STRUCTURES. APPROVED “NO SMOKING” SIGNS SHALL BE CONSPICUOUSLY POSTED IN ACCORDANCE WITH SECTION 310.
OSFM POLICY # 3 – 3104.6

SMOKING SHALL NOT BE PERMITTED IN TENTS OR MEMBRANE STRUCTURES. APPROVED “NO SMOKING” SIGNS SHALL BE CONSPICUOUSLY POSTED IN ACCORDANCE WITH SECTION 310.

For the purposes of enforcing Sec. 3104.6, the Office of the State Fire Marshal (OSFM) does not feel that a lit cigarette / cigar / pipe qualifies as *Open or exposed flame*, Sec. 3104.7. Therefore, the OSFM has never tried to use Sec. 3104.7, *Open or exposed flame*, to address smoking in “scope” tents.
THIS SCENARIO IS A “SCOPE” TENT; 400 SQ. FT. OR LESS

WITH SMOKING INSIDE THE TENT

DUE TO THE SIZE OF THIS TENT AND THE ACTIVITY INSIDE THE TENT

THE SCOPE IS THE ONLY APPLICABLE CODE SECTION IN CH. 31
THE 3 CODE SECTIONS AMENDED IN THE SCOPE ARE 3104.7, 3104.15.5 AND 3104.15.6

THESE 3 CODE SECTIONS PERTAIN TO OPEN OR EXPOSED FLAME AND / OR COOKING

THE ACTIVITY INSIDE THIS TENT HAS NOTHING TO DO WITH OPEN FLAME AND / OR COOKING, THEREFORE,

DUE TO THE WAY THE SCOPE HAS BEEN WRITTEN, THIS TENT DOES NOT HAVE TO MEET ANYTHING IN CH. 31
“Scope” Tents

- DUE TO THE SCOPE, THIS TENT WITH SMOKING INSIDE DOES NOT HAVE TO MEET SEC. 3104.6
- THIS SLIDE PERTAINS TO ALL TYPES OF SMOKING MATERIALS; CIGARETTES, CIGARS AND PIPES
- THE INSTALLATION OF SIDEWALLS OR DROPS DOES NOT CHANGE HOW THIS SCENARIO IS HANDLED
SUMMARY: the following code sections govern this scenario

- Sec. 3101.1 – Scope

This is the only code section that applies in CH. 31.
THERE IS NO SEPARATION DISTANCE REQUIRED BETWEEN THIS TENT AND THE OTHER TENTS

SUMMARY: SMOKING

SMOKING IS PERMITTED UNDER THE TENT.

THE AREA OF THIS TENT IS 400 SQUARE FEET OR LESS
“Regular” Tents

- This scenario is a “regular” tent; in excess of 400 sq. ft.

- With smoking inside the tent

- Due to the size of this tent, all of Chapter 31 is applicable

- Therefore, section 3104.6, smoking, applies
“Regular” Tents

- SMOKING MAY **NOT** OCCUR INSIDE THE TENT. THIS SCENARIO IS A VIOLATION OF SEC. 3104.6, SMOKING

- SMOKING SHALL **NOT** BE PERMITTED IN TENTS OR MEMBRANE STRUCTURES
“Regular” Tents

- This scenario is a “regular” tent; in excess of 400 sq. ft. with “no smoking” signs.
- Approved “no smoking” signs shall be conspicuously posted in accordance with section 310.
- This “regular” tent is now in compliance with section 3104.6, SMOKING.
BECAUSE THIS IS A “REGULAR” TENT, THERE IS ONE MORE CODE SECTION TO STUDY

SEC. 3103.8.2, EXCEPTION 1, LOCATION, IS APPLICABLE TO THIS TENT

AS LONG AS THE FLOOR AREA OF THIS TENT DOES NOT EXCEED 15,000 SQUARE FEET, AND
AS LONG AS “OPEN OR EXPOSED FLAME” EQUIPMENT IS NOT USED (IN THIS SCENARIO THAT IS TRUE)

THERE IS NO SEPARATION DISTANCE BETWEEN THIS TENT AND LOT LINES, BUILDINGS,

OTHER TEMP MEMBRANE STRUCTURES, OTHER TENTS, PARKED VEHICLES OR INTERNAL COMBUSTION ENGINES
SUMMARY: the following code sections govern this scenario

- Sec. 3101.1 – Scope

- Sec. 3104.6 – Smoking
  Applicable to this scenario.
THE AREA OF THIS TENT IS IN EXCESS OF 400 SQUARE FEET AND DOES NOT EXCEED 15,000 SQUARE FEET.

SMOKING IS NOT PERMITTED UNDER THE TENT.

THERE IS NO SEPARATION DISTANCE BETWEEN THIS TENT AND THE OTHER ITEMS.

2014 Indiana Fire Code
Effective 12-01-2014

Sec. 3103.8.2, Excp. #1
Chapter 31, 2014 Ed.
Indiana Fire Code

Tents And Other Membrane Structures

Presented by the State Fire Marshal’s Office
Division of Fire and Building Safety