



DOCUMENTATION SUPPORTING FINDINGS

The following documents support the findings for the City's amendments to the 2022 California Fire Code and are entered into the administrative record relating to this hearing:

1. Report on the City of Fresno, Cal., National Board of Fire Underwriters Committee of Twenty, 1905.
2. The Story of Fresno, A Tale of Redemption of a Fire Department, National Fire Protection Association, 1925.
3. Thirteen Separate Fires Give Fresno Department Sever Test, Fire Engineering, 1953.
4. The World's Agribusiness Capitol, City with a 21st Century Fire Plan, National Automatic Sprinkler and Fire Control, 1966.
5. "How the City of Fresno Achieved Better Fire Protection" Fire Journal, 1975.
6. Fire Sprinkler Ordinance Memo, Deputy Fire Chief D.M. Rohde, 1977.
7. "Sprinklers Cut Fresno's Fire Losses and Budget", Fire Journal, 1979.
8. Effective Local Amendments – City of Fresno, Building Standards, 1985.
9. Urban Fire Defense Planning, Part IV, Sprinkler Age, 1987.
10. The Path at Your Feet – The Shift in Emergency Lighting; International Fire Protection Magazine, 2004.
11. January 10, 2006 Staff Report to City Council relating to requiring Automatic Fire Sprinklers, 2006.
12. Emergency Incident Rehabilitation, Federal Emergency Management Agency, United State Fire Administration, (FEMA FA-314) 2008.
13. Wildfire Smoke – A Guide for Public Health Officials, rev. 2008.
14. "Environmental Impact of Automatic Fire Sprinklers", Research Technical Report, FM Global, 2010.
15. Business Sprinkler Alliance - Assessing the role for fire sprinklers, Bureau Veritas, 2011.



16. "Addendum to U.S. Experience with Sprinklers Impact of Home Sprinklers on Firefighter Injuries", National Fire Protection Association, Fire Analysis and Research Division, 2012.
17. The Impact of Residential Automatic Fire Sprinkler Systems: An Examination of the Opposition Toward the Implementation of Automatic Fire Extinguishing Equipment in Pennsylvania, Kent State University, Christina Stegman, 2013.
18. The Financial and Economic Impact of Warehouse Fires - An Evidence-based Assessment of the Direct and Indirect Economic Impacts in England and Wales of fires in warehouse buildings without automatic fire sprinkler systems (AFSS), Report for the Business Sprinkler Alliance January 2014.
19. "The Environmental Impact of Fire", The Fire Protection Research Foundation, 2015.
20. Fire Safety & Technology, Editorial - Firefighters and fire safety: why we need them, Marcelo Hirschler, 2015.
21. Master Environmental Impact Report No. 10130 relating to the 2025 Fresno General Plan.
22. Quantification of Water Flow Data Adjustments for Sprinkler System Design, The Fire Protection Research Foundation, 2015.
23. A map from the California Department of Water Resources, February 2020, identifying the local water basin as being in a "critically over-drafted" condition.
24. National Building Code Assessment Report - Building Code Effectiveness Grading Schedule 2019 Edition, Insurance Services Office.
25. 21st Century Fire and Emergency Services, ICMA / CPSE, 2020.
26. US Experience with Sprinklers, National Fire Protection Association, Marty Ahrens, 2021.
27. Environmental Impact of Fires in the Built Environment: Emission Factors, The Fire Protection Research Foundation, 2022.
28. Fire Loss in the United States During 2021, National Fire Protection Association, Shelby Hall and Ben Evarts, 2022.



29. Economic Impact of Fire: Cost and Impact of Fire Protection in Buildings, Dr. Ruben Van Coile, Dr. Andrea Lucherini, Ranjit Kuman Chaudhary Ghent University, Ghent, Belgium, Dr. Shuna Ni and Dr. David Unobe, Utah State University, Logan, Utah, United States, Dr. Thomas Gernay, Johns Hopkins University Baltimore, Maryland, United States, 2022.
30. Environmental Impact of Fires in the Built Environment: Emission Factors, Fire Protection Research Foundation, Margaret McNamee and Joakim Åström, Division of Fire Safety Engineering, Lund University, Sweden, Benjamin Truchot and Guy Marlair, INERIS, France, Brian Meacham, Meacham Associates, USA, 2022.
31. Lightweight Wood-Frame Construction - Concerns in Fast-Food Restaurants, Fire Engineering, 2024, Joseph Knitter.
32. A New Challenge: The Millennium Box, Fire Engineering, Christopher Thomas.
33. New Parking Garages Must Deal with More Robust Fire Protection Requirements, Consulting-Specifying Engineer, 2025.
34. 2025 Fresno General Plan.
35. Home Fire Sprinklers for Community Risk Reduction, Fire Engineering, 2025
36. Considerations for Residential Sprinklered Occupancies, Fire Engineering, 2025