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**IMPROVING THE EFFECTIVENESS OF ACTIVE AND PASSIVE  
MEASURES FOR FIRE PROTECTION IN INDUSTRIAL ENTERPRISES  
OF TURKEY**

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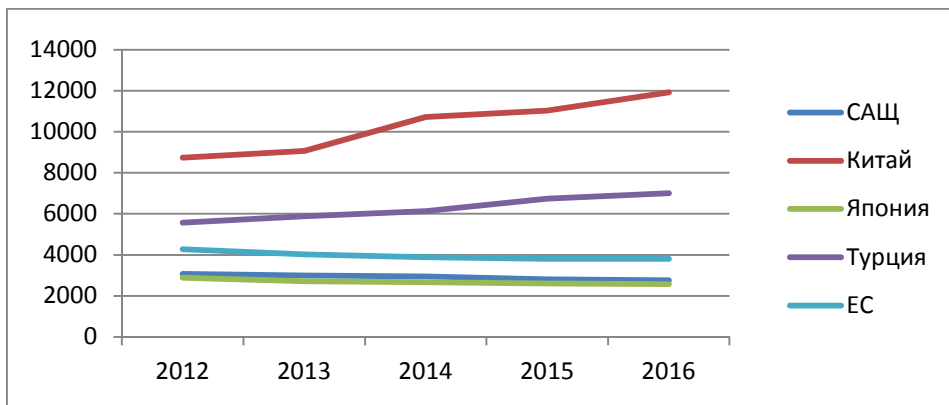
**Abstract:** *The article examines the state of the active and passive fire protection measures in the industrial enterprises of Turkey. The basic prerequisites for inefficient operation of the fire protection systems are analyzed. Factors influencing the reliability of the measures are being investigated. A methodology for operational assessment of the effectiveness of active and passive fire protection measures is proposed. A feasibility study has been presented to compare the costs of fire risk prevention and post-fire recovery costs as a percentage of total production costs. The main prerequisites for improvement of the fire extinguishing efficiency in the industrial enterprises of Turkey are considered.*

**Keywords:** *fire-fighting efficiency, active and passive fire protection measures, feasibility study*

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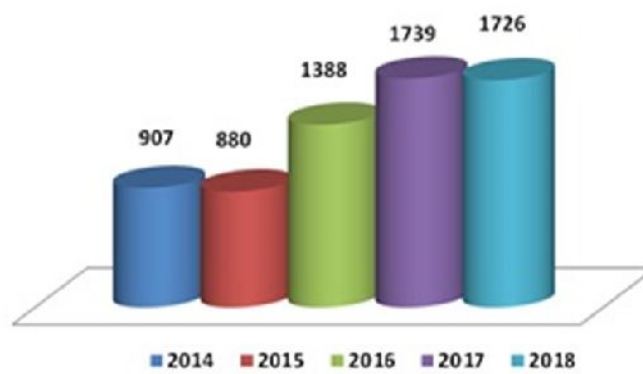


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2. Kichekova, M., D. Dimitrov, St. Terziev, V. Stoyanova. Application of software product ecodesigner in determining the energy efficiency of a building. 8-th international symposium on architect Sinan, 25-26 April, 2013, Edirne, Turkey.
3. plikci, Sahin, Yalcin Karagozler, Milena Kichekova, Stefan Terziev. The possible damages and casualties result from illegal assembly of pyrotechnical equipments: zeytinburnu case study. VIII International Scientific Conference “Architecture and Civil Engineering ”, 1-3 June 2017, Varna.
4. Bozkurt, O., S.N.Terziev. Aview at occupational safety management from the perspective of sustainability. VII , , 2015.
5. , . . . . . “; . . . - , ” .
6. Souturk, S., S. N. Terziev. Electricity-induced Fires and Measures to be taken. Int. conf. on Civil Engineering, Design and Construction, Varna, 2016.
7. , M. T., . . . . . Int. conf. on Civil Engineering, Design and Construction, Varna, 2014.
8. , . . . . . IV . . . ” , - “, , 2007.

9. , , . . . . .

. Int.

conf. on Civil Engineering, IX – 2016, Varna, Bulgaria.