

ICS 35.040
CCS A 90

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**INDUSTRY STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GA/T 974.71-2011

**Codes for the fire information-Part 71: Classification and codes
for fire resistance rating of buildings**

消防信息代码 第71部分：建筑物耐火等级分类与代码
(English Translation)

Issued on: December 12, 2011

Implemented on: December 12, 2011

Issued by: Ministry of Public Security

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Foreword

GA/T 974 "Fire Information Code" is divided into 73 parts.

- Part 1. Fire experts' professional classification and code;
- Part 2. Fire brigade on duty duty code;
- Part 3. Fire supervision enforcement code;
- Part 4. Fire supervision and management role code;
- Part 5. Fire Volunteer Service Category Code;
- Part 6. Fire Propaganda Training Object Type Code;
- Part 7. Classification and code of fire brigade system;
- Part 8. Fire station classification and code;
- Part 9. Fire fighting and rescue related department category code;
- Part 10. Fire warfare social institutions category code;
- Part 11. Fire fighting equipment maintenance organization category code;
- Part 12. Fire product quality inspection/conformity assessment organization category code;
- Part 13. Fire hazard identification body type code;
- Part 14. Construction unit code;
- Part 15. Fire control jurisdiction level code;
- Part 16. Classification and code of fire supervision law enforcement;
- Part 17. Fire supervision and inspection formal code;
- Part 18. Classification and code of fire management administrative matters for construction projects;

- Part 19. Code for the administration of fire and administrative license and acceptance of construction projects;
- Part 20. Fire confession code for public gathering sites;
- Part 21. Code of case for fire fighting and emergency evacuation of social units;
- Part 22. Classification and code of fire safety signs for key areas of fire safety;
- Part 23. Automatic sprinkler system setting site Fire hazard classification and code;
- Part 24. Fire command dispatching work flow code;
- Part 25. Fire duty class code;
- Part 26. Fire service class code;
- Part 27. Basic code for rescue and rescue;
- Part 28. Fire alarm classification and code;
- Part 29. Fire hazard classification and code;
- Part 30. Fire fighting rescue type plan classification and code;
- Part 31. Fire fighting rescue plan grade code;
- Part 32. Fire fighting readiness code;
- Part 33. Classification and code of cause of fire;
- Part 34. Fire rating code;
- Part 35. Fire category code;
- Part 36. Fire development phase code;
- Part 37. Fire Disposal Phase Code;
- Part 38. Causes of casualties for fire accidents;
- Part 39. Classification and code of fire service status;
- Part 40. Fire hazard protection class code;
- Part 41. Fire hazard rating category code;
- Part 42. Fire hazard assessment organization level code;
- Part 43. Fire program evaluation Basic program code;
- Part 44. Fire hazard assessment report item classification and code;
- Part 45. Classification and code of fire training programs;
- Part 46. Fire training classification and code;

- Part 47. Classification and code of fire training courses;
 - Part 48. Classification and code of fire training assessment;
 - Part 49. Fire training assessment method code;
 - Part 50. Fire training assessment grade classification and code;
 - Part 51. Fire training site use category code;
 - Part 52. Fire science education base type code;
 - Part 53. Classification and code of social propaganda and education activities;
 - Part 54. Classification and code of fire service conditions;
 - Part 55. Fire service category codes;
 - Part 56. Classification and code of fire training facilities;
 - Part 57. Classification and code of fire water supply facilities;
 - Part 58. Classification and code of fire water sources;
 - Part 59. Fire hazard major hazard sites and facility category codes;
 - Part 60. Classification and code for fire separation facilities;
 - Part 61. Classification and code for fire extinguishing systems;
 - Part 62. Classification and code for smoke and smoke control systems;
 - Part 63. Fire truck operation height category code;
 - Part 64. Total quality class code for fire engines;
 - Part 65. Fire truck performance code;
 - Part 66. Fire water pressure type code;
 - Part 67. Fire water inside the caliber type code;
 - Part 68. Fire hose lining material category code;
 - Part 69. Classification and code of fire;
 - Part 70. Building structure type code;
 - Part 71. Building fire resistance classification and code;
 - Part 72. Chemical status codes;
 - Part 73. Fire wireless communication network level code.
- This section is part 71 of GA/T 974.

This part is drafted in accordance with the rules given in GB/T 1.1-2009.

This section is made by the Ministry of Public Security Fire Department.

This part of the Ministry of Public Security by the Computer and Information Processing Standardization Technical Committee.

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Fire information code Part 71. Building fire resistance classification and code

1 Scope

This section of GA/T 974 specifies the classification and code of fire resistance for buildings involved in fire service activities.

This part applies to the construction of public security information and information processing and management.

2 Normative reference documents

The following documents are indispensable for the application of this document. For dated references, only the dated edition applies to this article Pieces. For undated references, the latest edition (including all modifications) applies to this document.

Code for fire protection of building design GB 50016-2006 Code for fire protection design of high - rise civil buildings GB 50045-2005 Classification principles and methods Plant, warehouse, civil building fire rating according to the classification principle of GB 50016-2006, high-rise civil building fire rating are classified according to the classification principle in GB 50045-2005.

4 Encoding method

The code uses the hierarchy code, with 2 digits, the first digit represents the large class, the second digit represents the subclass, and the coding structure is shown in Fig.

Big class

Small class

Figure 1 Building fire resistance classification and code coding structure

Category and Code Table Building fire resistance classification and code in Table 1.