

Position Officer – Fire & Safety

Test Structure

Type	No. of Questions	Marks	Time Duration
Domain	85	85	150 mins
Aptitude	85	85	
TOTAL	170	170	

Syllabus

Verbal Ability	Quantitative Aptitude	Intellectual Potential Test
1. Articles	1. Ratio and Proportion	1. Data Interpretation
2. Preposition	2. Time and Work	2. Coding and Decoding
3. Vocabulary	3. Speed and Distance	3. Deductive Logic
4. Reading Comprehension	4. Percentages and Averages	4. Inductive Logic
5. Synonyms	5. Profit, Loss and Discount	5. Data Sufficiency
6. Jumbled Sentences	6. Probability	6. Series Completion
	7. Algebra, Calendar	7. Puzzles
		8. Pattern Completion

Syllabus Overview

A- Industrial Safety	
S No	Topics
1	Safety Management - Principles & Practice
2	Safety Engineering I
3	Safety Engineering II
4	Appraisal & Control
5	Safety & Law
6	Industrial Hygiene & OHS

7	Chemical Industry safety
8	Engineering Industries

Fire Domain

B- Industrial Fire	
S.No	Topics
1	Chemistry of Fire
2	Fire Fighting Chemicals
3	Fire Detection & Control
4	Fire Protection – I (Special hazards : Industrial Fires)
5	Fire Protection – II (Special hazards : Flammable Liquid Storages)
6	Fire Services Hydraulics
7	Fire Laws
8	Fire Codes and Standards
9	Paramedics
10	Inspection & Testing of Fire Fighting Systems.
11	Chemistry of Fire

Note: The syllabus/Topics mentioned are indicative in nature. Candidates are also expected to possess significant knowledge/proficiency pertaining to their qualifying degree/Post Graduation Degree.