

Certified Sprinkler ITM Specialist (CSITMS) for Facility Managers Exam Weighted Criteria Table

The following table indicates the approximate percentage (%) of exam content (exam items) for the five (5) major domain areas and the sub-components of those domain areas:

I.	General Requirements	18%
	Chapter 3 Definitions	
	Chapter 4 General Requirements	
	5.1 General (<i>sprinkler systems</i>)	
	6.1 General (<i>standpipe and hose systems</i>)	
	7.1 General (<i>private fire service mains</i>)	
	8.1 General (<i>fire pumps</i>)	
	9.1 General (<i>water storage tanks</i>)	
	13.1 General (<i>valves, valve components and trim</i>)	
	13.2 General Provisions (<i>valves, valve components and trim</i>)	
	13.3 Control Valves in Water-Based Fire Protection Systems (<i>valves, valve components and trim</i>)	
	13.4.3.2.8 Multiple Systems (<i>preaction and deluge systems</i>)	
	13.4.3.2.9 Manual Operation (<i>preaction and deluge systems</i>)	
	13.4.4.1.2 Gauges (<i>valves, valve components and trim</i>)	
II.	Inspection	24%
	5.2 Inspections (<i>sprinkler systems</i>)	
	6.2 Inspections (<i>standpipe and hose systems</i>)	
	7.2 Inspections (<i>private fire service mains</i>)	
	8.2 Inspections (<i>fire pumps</i>)	
	9.2 Inspections (<i>water storage tanks</i>)	
	13.3.2 Inspection (<i>valves, valve components and trim</i>)	
	13.4.1 Inspection of Alarm Valves (<i>valves, valve components and trim</i>)	
	13.4.2.1 Inspection (<i>check valves</i>)	
	13.4.3.1 Inspection (<i>preaction valves and Deluge valves</i>)	
	13.4.4.1 Inspection (<i>dry pipe valves/Quick opening devices</i>)	
	13.5.1 Inspection and Testing of Sprinkler Pressure Reducing Valves	
	13.5.2 Hose Connection Pressure-Regulating Devices (<i>inspection and testing</i>)	
	13.5.3 Hose Rack Assembly Pressure-Regulating Devices (<i>inspection and testing</i>)	
	13.5.4 Master Pressure-Regulating Devices (<i>inspection and testing</i>)	
	13.5.5 Pressure-Reducing Valves (<i>inspection and testing</i>)	
	13.5.6.1 Inspection (<i>hose valves</i>)	
	13.5.7.2 Main Pressure Relief Valve (<i>inspection</i>)	
	13.6.1 Inspection (<i>backflow prevention assemblies</i>)	
	13.7.1 Fire department connections inspections	
	Applicable Component Action Requirement references	

III. Testing**22%**

- 5.3 Testing (sprinkler systems)
- 6.3 Testing (standpipe and hose systems)
- 7.3 Testing (private fire service mains)
- 8.3 Testing (fire pumps)
- 9.3 Testing (water storage tanks)
- 13.2.5 Main Drain Test
- 13.3.3 Testing (valves, valve components and trim)
- 13.4.3.2 Testing (preaction valves and Deluge valves)
- 13.4.4.2 Testing (dry pipe valves/quick opening devices)
- 13.5.1 Inspection and Testing of Sprinkler Pressure Reducing Valves (valves, valve components and trim)
- 13.5.2 Hose Connection Pressure-Regulating Devices (inspection and testing)
- 13.5.3 Hose Rack Assembly Pressure-Regulating Devices (inspection and testing)
- 13.5.6.2 Testing (hose valves)
- 13.6.2 Testing (backflow prevention assemblies)
- 13.7.4 Fire department connections - testing
- 13.8 Component Testing Requirements (valves, valve components and trim)
Applicable Component Action Requirement references

IV. Maintenance**22%**

- 5.4 Maintenance (sprinkler systems)
- 6.4 Maintenance (standpipe and hose systems)
- 7.4 Maintenance (private fire service mains)
- 8.5 Maintenance (fire pumps)
- 9.4 Maintenance (water storage tanks)
- 9.5.2 Maintenance (Automatic Tank Fill Valves)
- 13.3.4 Maintenance (valves, valve components and trim)
- 13.4.1.3 Maintenance (system valves)
- 13.4.2.2 Maintenance (check valves)
- 13.4.3.3 Maintenance (preaction valves and deluge valves)
- 13.4.4.3 Maintenance (dry pipe valve/quick opening devices)
- 13.5.6.3 Maintenance (hose valves)
- 13.5.8 Maintenance (hose valves)
- 13.6.3 Maintenance (backflow prevention assemblies)
Applicable Component Action Requirement references

V. Obstruction Investigation & Impairments**14%**

- Chapter 14 Internal Piping Condition and Obstruction Investigation
- Chapter 15 Impairments