

Practical No. 11

Aim : To perform survey of our building regarding disaster management.

Apparatus : Note book, survey charts.

Procedure : With the help of given charts, make a survey of your home/building. Give one mark each to the proper answer. In conclusions, write total marks of each survey.

Survey Chart :

Electrical Audit Survey Chart

Sr. No.	What to be audited?	Observations Yes/ Nos / Remark	Marks
1	Is the electric connection done by licensed electrician?	Yes	1
2	Is the earthing properly done?	Yes	1
3	Is the building provided with Lightning Arrester?	No	0
4	Are the electrical equipments I.S.I. marked?	Yes	1
5	Are the electrical wire joints open?	Yes No	1
6	Do the wires have proper insulations?	Yes	1
7	Is there regular checking of cables / wires around the building?	Yes	1
8	Is there are any protective grid around electric pole?	Yes	1
9	Are buckets fill with sand kept ready to extinguish electrical fire?	No	0
10	Do the electric equipments have three pin sockets ?	Yes	1
	Total Marks	8	8

Construction Audit Survey Chart

Sr. No.	What to be audited?	Observations Yes/ Nos / Remark	Marks
1	Are the inner and outer surfaces of the building properly plastered and painted?	Yes	1
2	Is the construction done under the supervision of proper architect?	Yes	1
3	Are the columns/beams of the building cracked?	No	1
4	Are there any changes made to original structure at the time of renovation?	Yes	1
5	Is there any leakage through water and sewage pipes ?	No	1
6	Do the children play outdoor games on the terrace? (It causes damage and leakage to the slab)	No	1

7	Is there regular repairing and painting of the building?	Yes	1
8	Is structural audit of the building done regular?	Yes	1
9	In monsoon, does the water logs in the building area for more than 48 hours?	No	1
10	Do your area experience earthquakes regularly?	No	1
Total Marks		10	10

Fire Control Management Audit Survey Chart

Sr. No.	What to be audited?	Observations Yes/ Nos / Remark	Marks
1	Does the building have fire-extinguisher?	No	0
2	Is it in working condition?	No	0
3	Does staircase have spaces more than 5 square feet?	Yes	1
4	In there an alternative exit to you building?	Yes	1
5	Is the list of contact numbers of fire brigades kept at front side of the building?	No	0
6	Is there any scrap kept near the main electrical connections area?	No	1
7	Does the fire brigade arrange regular Mock Drills?	Yes	1
8	Are there any inflammable chemicals kept in buiding or home premises?	No	1
9	Is the gas cylinder kept away from fridge?	Yes	1
10	Is each floor provided with enough first aid material?	Yes	1
Total Marks		7	7

Conclusion :

According to above observations, your home/buiding has secured following marks

Sr. No.	Type of Audit	Marks	Remark
1	Electrical Audit	8	Good
2	Construction Audit	10	Best
3	Fire Control Management Audit	7	Need improved

Remark and Signature

Multiple Choice Questions

1. At the time of fire, which of the following things we must not do?
a. Inform fire brigade
☒ c. Use lift
b. Evacuate the building as early as possible
d. Call for help from window and balcony
2. of the following is manmade disaster.
a. Earthquake b. Flood c. Meteoric ☒ d. Poisonous gas leak
3. We don't get information of in the disaster management clock?
a. outsiders or helpers come to know about exact location of people.
b. it becomes easier to help needy / weak people.
c. local time.
d. social institutes or government can work with the local people at time suitable for them.
4. What will you do, if the domestic gas cylinder bursts?
a. sprinkle water. b. throw soil or sand.
☒ c. cover the cylinder with wet bedsheet. d. run away.
5. What will you do, if you experience earthquake inside the home?
a. Take shelter below a table.
b. Come outside the home, in a open space.
c. Stay away from electric pole.
☒ d. All of these.

: Exercise :

1. Why the survey of our building/ home/ school regarding disaster management is necessary?
..... Survey of our building / home / school regarding disaster management is necessary because in critical condition many people died due to implanted training and other activities. by doing survey we can find our weak points that can be help in diseastered condition.
2. Explain any one disaster you faced. What are the efforts you used to came out from that disaster?
..... I explained one big disaster in 23 may 2017. There was summer vacations. I was watching the T.V, but simultaneously I heard a very danger sound of bomb. I came out of my home. I saw, the tower is fired. Imidiatly I call fire brigade and aware other people from this situation.

Remark and Signature

