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# GOVERNMENT OF NATIONAL CAPITAL TERRITORY OF DELHI YEAD QUARTERS : DELHI FIRE SERVICE : NEW DELHI – 110001

No.F6/DFS/MS/2022/ School/ NDZ/ 405

### FIRE SAFETY CERTIFICATE

Issued on ..... 04 2022 at New Delhi by.

(Sunil Chawdhary)
Dy. Chief Fire Officer
Delhi Fire Service

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Dated: 11./4../2022

#### Copy to:-

- 1. Director of Education, Govt. of NCT, Old sect., Delhi.
- 2. The Principal, Bhai Joga Singh Public School at D-4, Faiz Road, New Delhi.

#### Conditions for the validity of Fire Safety Certificate

- 1. All the means of escape shall be kept free of all types of obstruction all the time.
- 2. All the fire safety arrangements provided there in shall be maintained in good working condition at all time.
- 3. Any loss of life or property due to non-functional fire safety measures shall be at the responsibility of the management.
- 4. The trained fire fighting staff should be available round the clock.
- 5. Any deviation w.r.t construction etc. shall be verified by the concerned building sanctioning authority.
- 6. This fire safety certificate may not be treated in any case for regularization of unauthorized construction, if any.
- 7. The owner/occupier shall apply for renewal of this Fire Safety Certificate to the Director in Form'J' [sub rule (I) of rule 37] along with a copy of this Certificate, six months prior to its expiry.

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## **INSPECTION REPORT**

1.Name & address of the building:-Bhai Joga Singh Public School, D-4, Faiz

Road, New Delhi.

Type of occupancy:-Educational Building, Gr. + 03 upper floor

3. Type of case:-Renewal

4. Details of previous FSC:-F6/DFS/MS/2019/school/NDZ/294 dated

05.02.19

5. Fire safety directives No.-N/A 6. Date of inspection:-05/04/22

7. Name of the inspecting officer:-Sh. Ravinder Singh(ADO/CC)

8. Name & designation of officer

From the building side:-Ms. Kamal Preet Kaur

9. Year of construction:-2016-17

mail id <mgtbjsps@gmail.>com dated 31/03/2022 10. Applicant's letter No:-

|       |  | 31/03/2022              |      |                            |            |             |  |
|-------|--|-------------------------|------|----------------------------|------------|-------------|--|
| S.No. | Minimum Standards on fire<br>Prevention and fire safety U/R 33 | Requirement             | Prov | ided at site               | Rem<br>MR/ | arks<br>NMR |  |
| 1.    | Access to Building   |                         |      |                            |            |             |  |
|       | 1) Road width  | 06 mtr.                 | 06m  | itr.                       | MR         |             |  |
|       | 2) Gate width  | 4.5 mtr.                | 4.5  | mtr.                       | MR         |             |  |
|       | 3)Width of internal road                                       | N/A                     | N/A  |                            | N/A        |             |  |
| 2.    | Number, Width Type & Arran                                     |                         |      |                            |            |             |  |
|       | A. Number of staircases  |                         |      |                            |            |             |  |
|       | 1. Upper floors  | 05                      | 05   |                            | MR         |             |  |
|       | 2. Basements   | N/A                     | N/A  | 1                          | N/A        |             |  |
|       | B. Width of staircase  |                         |      |                            |            |             |  |
|       | 1. Upper floors  | 1.5 mtr.                |      | os. 2 mtr.<br>os. 1.5 mtr. | MR         |             |  |
|       | 2. Basements   | N/A                     | N/A  |                            | N/A        |             |  |
|       | C. Protection of exits   |                         |      |                            |            |             |  |
|       | 1. Fire check door   | N/A                     | N/A  | 4                          | N/A        |             |  |
|       | 2. Pressurization  | N/A                     | N/A  | A                          | N/A        |             |  |
|       | D. No. of continuous   | 02                      | 02   |                            | MR         |             |  |
|       | staircase to terrace   |                         |      |                            |            |             |  |
|       | E. Width of corridor   | 1.5 mtr.                |      | mtr.                       | MR         |             |  |
|       | F. Door size   | 1.0 mtr.                | 1.0  | 1.0 mtr                    |            | MR          |  |
| 3.    | Compartmentation   |                         |      |                            |            |             |  |
|       | 1) Fire check door   | N/A                     | N/   | N/A                        |            | N/A         |  |
|       | 2) Sealing of electrical shafts                                |                         |      | N/A                        |            | N/A         |  |
|       | 3) Fire rating of shaft door                                   | N/A                     | N/   | N/A                        |            | N/A         |  |
|       | 4) Water curtain   | N/A                     | N/A  |                            | N/A        |             |  |
|       | 5) Fire Dampers  | N/A                     | N.   | N/A                        |            | /A          |  |
| 4.    | Smoke Management System  |                         |      |                            |            |             |  |
|       | 1) Basements   | 30 ACPH                 |      | N/A                        |            | N/A         |  |
|       | 2) Upper floors  | 12 ACPH                 |      | Natural                    |            | MR          |  |
| 5.    | Fire Extinguishers   |                         |      |                            |            |             |  |
|       | 1) Total numbers   |                         |      | 22 Nos.                    | MR         |             |  |
|       | 2) Types   | ABC & CO2 ABC, CO2 & W. |      | CO2 MR                     |            |             |  |
|       | 3) ISI marking   | Required                |      | Provided                   |            | MR          |  |
| 6.    | First-Aid Hose Reel  |                         |      |                            | 44         | 1           |  |
|       | 1)Total number of each floor                                   | 02 nos                  |      | Provided                   |            | MR          |  |
|       | 2) Length of hose reel hose                                    | 30 mtr.                 |      | 30 mtr.                    |            | MR          |  |
|       | 3) Nozzle diameter   | 5 mm                    |      | 5 mm                       |            | MR          |  |



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| 7.  |                                  | 112          |               |       |
|-----|----------------------------------|--------------|---------------|-------|
|     | Automatic Fire Detection &       |              |               |       |
| -   | System                           |              |               |       |
|     | 1) Type of datast                |              |               | ~     |
|     | 1) Type of detectors             | N/A          | N/A           | N/A   |
|     | 2) Location of main panel        | N/A          | N/A           | N/A   |
|     | 3) Location of repeater panel    | N/A          | N/A           | N/A   |
|     | 4) Alternate source of power     | N/A          | N/A           | N/A   |
| -   | 5) Hooter's Location             | N/A          | N/A           | N/A   |
| 8.  | MOEFA                            | N/A          | N/A           | N/A   |
| 9.  | Public Address System            | N/A          | N/A           | N/A   |
| 10. | Automatic Sprinkler System       |              |               | IN/A  |
|     | 1) Basement N/A N/A              |              |               | DI/A  |
|     | 2) Upper floors                  | Required at  | Provided      | N/A   |
|     |                                  | lower ground | Tiovided      | MR    |
|     | 3) Sprinkler above false         | N/A          | N/A           | -     |
|     | ceiling                          | 14/74        | IN/A          | N/A   |
| 11. | Internal Hydrants                |              |               |       |
|     | 1) Size of riser/down-comer      | 21/4         |               |       |
|     | 2) Number of hydrants per        | N/A          | N/A           | N/A   |
|     | floor                            | N/A          | N/A           | N/A   |
|     | 3) Hose box                      |              |               |       |
| 12. |                                  | N/A          | N/A           | N/A   |
| 12. | Yard Hydrants                    | 1            |               | '     |
|     | 1) Total number of hydrants      | N/A          | N/A           | N/A   |
| 13. | 2) Hose box                      | N/A          | N/A           | N/A   |
| 13. | Pumping Arrangement              |              |               | 1,071 |
|     | 1) Ground level                  | N/A          | N/A           | N/A   |
|     | a) Discharge of main             | N/A          | N/A           |       |
|     | pump                             |              | 17/7          | N/A   |
|     | b) Head of main pump             | N/A          | N/A           | 21/4  |
|     | c) Number of main pump           | N/A          | N/A           | N/A   |
|     | d) Jockey pump out put           | N/A          |               | N/A   |
|     | e) Jockey pump head              | N/A          | N/A           | N/A   |
|     | f) Stand by pump output          | N/A          | N/A           | N/A   |
|     | g) Stand by pump head            |              | N/A           | N/A   |
|     | h) Auto starting/Manual          | N/A          | N/A           | N/A   |
|     | stopping                         | N/A          | N/A           | N/A   |
|     | 2) Terrace level                 |              |               |       |
|     |                                  |              |               |       |
|     | a) Discharge of pump             | 450 LPM      | 900 & 450 LPM | MR    |
|     | b) Head of pump                  | 40 mtr.      | 40 mtr.       | MR    |
|     | c) Power supply                  | Required     | Provided      |       |
|     | d) Auto starting of pump         | Required     | Provided      | MR    |
| 14. | Captive Water Storage for Fire I | Fighting     | Trovided      | MR    |
|     | 1) Under ground tank             | N/A          | N/A           |       |
|     | capacity                         | - 1/12       | N/A           | N/A   |
|     | a) Draw-off connection           | N/A          | 77//          |       |
|     | b) Fire service inlet            | N/A          | N/A           | N/A   |
|     | c) Access to tank                |              | N/A           | N/A   |
|     | d) Over head tank                | N/A          | N/A           | N/A   |
|     |                                  | 15,000 ltr.  | 15,000 ltr.   | MR    |
| 5.  | capacity Evit Signature          |              | ,             | IVIK  |
|     | Exit Signage.                    | Required     | Provided      | ) (D  |
| ς I | Provision of Lifts.              |              | TTOVIGEU      | MR    |
| 5.  | a) Pressurization of lift        | N/A          |               |       |
| 5.  |                                  | IN/A         | AT/A          |       |
| 5.  | shaft                            | IV/A         | N/A           | N/A   |
| 5.  | shaft                            | N/A          | N/A           | N/A   |



|     | <ul> <li>c) Communication in lift car</li> </ul> | N/A            | N/A                        | N/A |
|-----|--|----------------|----------------------------|-----|
|     | d) Fireman's switch                              | N/A            | N/A                        | N/A |
|     | <ul><li>e) Lift signage</li></ul>                | N/A            | N/A                        | N/A |
| 7.  | Stand by Power Supply                            | N/A            | N/A                        | N/A |
| 8.  | Refuge Area                                      | N/A            | N/A                        | N/A |
|     | Total area location                              | N/A            | N/A                        | N/A |
| 19. | Fire Control Room                                | N/A            | N/A                        | N/A |
|     | <ul> <li>a) Detector system panel</li> </ul>     | N/A            | N/A                        | N/A |
|     | b) Flow switch panel                             | N/A            | N/A                        | N/A |
|     | c) PA system panel                               | N/A            | N/A                        | N/A |
|     | d) Battery backup                                | N/A            | N/A                        | N/A |
|     | e) Building floor plan                           | N/A            | N/A                        | N/A |
| 20. | Special Fire Protection System                   | for Protection | n of special Risk, if any: | N/A |

The fire protection system provided in the school building were tested, checked at random and found functional at the time of inspection. Further, construction work is undergoing in auditorium and same is not inspected.

In view of the deemed compliance of the minimum standards of fire prevention and fire safety measures as required under the rules the FSC issued vide letter No. F6/DFS/MS/2019/school/NDZ/294 dated 05.02.19, renewal under Rule 35 of the Delhi Fire Service rules 2010, is recommended for approval without auditorium.

Signature of the Inspecting Officer

Name:-Ravinder Singh Designation: - ADO (CC)

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