



**OFFICE OF THE DEPUTY FIRE OFFICER
BALASORE CIRCLE BALASORE**

**FORM-V
FIRE SAFETY CERTIFICATE**

(See rule-13(3) of the Odisha Fire Prevention and Fire Safety Rules, 2017)

File No-06/2021 BLS CLE

Certificate No-11/BLS CLE

Dt-21.01.2021

This certificate is valid up to **20.01.2023**
(Apply for renewal at least three months before expiry)

Certified that G+2 Floors Sri Satya Sai Vidya Vihar, over plot -467/843, 468/844 & 568, Khata No-224/241 & 241, Mouza-forest Colony Sahi Ward No-03, PO-Baripada, Dist-Mayurbhanj were inspected by officers of Odisha Fire Service on 20.01.2021 in presence of the Principal Sri Satya Sai Vidya Vihar, Baripada, Dist-Mayurbhanj and it has been found to comply with the fire prevention and safety requirements in accordance with the Odisha Fire Prevention and Fire Safety (Amendment) Rules, 2019 and one time relaxation scheme vide Home Department Notification No-28550/CD BBSR dtd-28.08.2020 . Hence, its various floors are fit from fire safety point of view for occupancy or usage as noted hereunder against each, subject to compliance to the conditions as prescribed herein below:

G Floor-	--- usage---	Water cooler & puja store, Musical room, Bal Vikash reading room, M.C room, Prayar hall, Room, Vice-Principal, Cashier, Store, Head clerk, Principal chamber, Store, casher, Generator room, Watch man, & Kitchen room
1 st Floor -	--- usage---	Class room, Room, store, Lab, computer lab & hall
2 nd Floor-	--- usage---	Class room, store, Lab & computer lab

CONDITIONS:-

1. Fire Prevention and safety measures and appliances, availability of water supplies and means of access thereto etc provided in the building or premises, should be maintained by the occupier (S) in best repairs and efficient working condition at all times for use by the occupants or the members of the Fire Service or both in the event of outbreak of fire.
2. The setbacks, driveways, entrance gates, exits, staircases, corridors and escape ways should not be changed, obstructed or modified in any way.
3. The occupier (S) shall train all staff and occupants periodically to make them well conversant in use and operation of fire prevention and safety measures.
4. Fire drills/rehearsals should be organized at least once in six months by involving local Fire Station.
5. Photocopies of this certificate should be framed and displayed at all conspicuous places in all lobbies/corridors in all floors of all tower/blocks of building/premises.

R.S.S.
21.1.21

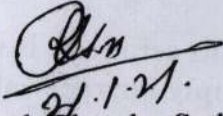
(Ramesh Chandra Sethy)
Deputy Fire Officer
Balasore Circle, Balasore
Deputy Fire Officer
Balasore Circle, Balasore

22/01/2022
Principal
Satya Sai Vidya Vihar
Baripada

Memo No-223 /BLS CLE

date.21.01.2021

Copy submitted to the Biswaranjan Sahu, District President, Sri Satya Sai Vidya Vihar, Baripada, Dist-Mayurbhanj along with Form-IV for information and necessary action for regularize the plan.


21.1.21.
(Ramesh Chandra Sethy)
Deputy Fire Officer
Balasore Circle, Balasore
Deputy Fire Officer
Balasore Circle, Balasore

Memo No- /BLS CLE

date. .01.2021

Copy submitted to the Chief Fire Officer, Fire Prevention Wing, Directorate, Cuttack for information please.

Sd/-
(Ramesh Chandra Sethy)
Deputy Fire Officer
Balasore Circle, Balasore

Memo No- /BLS CLE

date. .01.2021

Copy submitted to the Special planning Authority, Baripada along with Form-IV for information and necessary action please.

Sd/-
(Ramesh Chandra Sethy)
Deputy Fire Officer
Balasore Circle, Balasore

Memo No- /BLS CLE

date. .01.2021

Copy forwarded to the Asst. Fire Officer, Baripada Fire Station for information and necessary action.

Sd/-
(Ramesh Chandra Sethy)
Deputy Fire Officer
Balasore Circle, Balasore

FORM-IV
[See rule-13(2)]

FIRE PREVENTION AND SAFETY INSPECTION REPORT

Date of inspection:-20.01.2021

Name and address of the building:- G+2 Floors Sri Satya Sai Vidya Vihar, over plot -467/843, 468/844 & 568, Khata No-224/241 & 241, Mouza-forest Colony Sahi Ward No-03, PO-Baripada, Dist-Mayurbhanj

Sl. No	Details of premises etc	Requirement as per National Building Code of India	Requirement as per the approved plan	Provision made in the building	Deviation/ Shortfall/ deficiency if any
(1)	(2)	(3)	(4)	(5)	(6)
1.	Plot area with dimensions	Not applicable as per Rule-9(9) of OFP & FS Rule-2017	AC 0.46 Dec	AC 0.46 Dec	No Shortfall
2.	Total covered /constructed area (at ground level)	-do-	1216.84 m ²	1216.84 m ²	No Deviation
3.	No. of buildings, towers, blocks etc (occupancy wise)	-do-	Plan not approved by competent authority 01 No	01 No	No Deviation as per one time relaxation scheme vide Home Department Notification No-28550/CD BBSR dtd-28.08.2020
4.	Height of each building, tower or block etc from ground level	-do-	10.67 mtrs	10.67 mtrs	No Deviation
5.	Total number (including all underground, basement, stilt, mezzanine and ground) of floors in each building, tower or blocks etc	-do-	G+2 Floors	G+2 Floors	No Shortfall
6.	Total built up area of all floors (including all underground, basement, stilt, mezzanine and ground) of each building or tower or block etc.	-do-	G. Floor-1216.84 m ² 1 st Floor-1393.50 m ² 2 nd Floor-1307.96 m ²	G. Floor-1216.84 m ² 1 st Floor-1393.50 m ² 2 nd Floor-1307.96 m ²	No Shortfall
7.	Total built up area of all floors (including all underground, basement, stilt, mezzanine and ground) of all buildings, towers, blocks etc.	-do-	3918.30 m ²	3918.30 m ²	No Shortfall
8.	No. of underground or basement floors (indicate the level below the ground of each floor).	-do-	Not mentioned in the plan.	N/A	No Shortfall
9.	Area of each underground or basement floor	-do-	N/A	N/A	No Shortfall
10.	Occupancy (usage) (mention separately for each underground, basement, stilt, mezzanine, ground and other floors).	-do-	Educational Building Ground Floor Water cooler & puja store-01 No, Musical room-01 No, Bal Vikash reading room-01 No, M.C room-01 No, Prayar hall-01 No, Room-01 No, Vice-Principal-01 No, Cashier-01 No, Store-01 No, Head clerk-01 No, Principal chamber-01 No, Store-01 No, cashier-01 No, Generator room-01 No, Watch man-01 No, & Kitchen room-01 No 1st Floor- Class room-15 Nos, Room-02 Nos, store-01 No, Lab-01 No, computer lab-01 No & hall-01 No 2nd Floor- Class room-19 Nos, store-03 Nos, Lab-01 No & computer lab-04 Nos	Educational Building Ground Floor Water cooler & puja store-01 No, Musical room-01 No, Bal Vikash reading room-01 No, M.C room-01 No, Prayar hall-01 No, Room-01 No, Vice-Principal-01 No, Cashier-01 No, Store-01 No, Head clerk-01 No, Principal chamber-01 No, Store-01 No, cashier-01 No, Generator room-01 No, Watch man-01 No, & Kitchen room-01 No 1st Floor- Class room-15 Nos, Room-02 Nos, store-01 No, Lab-01 No, computer lab-01 No & hall-01 No 2nd Floor- Class room-19 Nos, store-03 Nos, Lab-01 No & computer lab-04 Nos	No Deviation
1.	Details of parking areas (mention separately underground, roof-top, covered and open parking areas)	-do-	Not mentioned in the plan.	Open Parking 300 m ²	No Shortfall
2.	Width and height of all boundary gates provided for entry and exit.	-do-	-do-	Provided 03 Nos main gate 1 st Width-04.20 mtrs & Height-3.50 mtrs 2 nd Width-04.10 mtrs &	No Shortfall

(Signature)

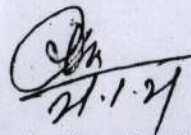
				Height-3.50 mtrs 3 rd Width-03.10 mtrs & Height-2.25 mtrs	
3.	Open spaces and drive ways around each of the buildings or blocks or towers etc within the premises. Notes:- 1.If there is no interconnection at every floor level between any two buildings or blocks or towers, then each of those buildings or blocks or towers are deemed to be separate buildings for the purpose of open spaces & drive ways. 2. The requirement of open spaces or setbacks for various classes of buildings, premises and occupancies shall be as prescribed in the respective regulations or bye-laws of the building plan approval authority concerned.	Not applicable as per Rule-9(9) of OFP & FS Rule-2017	Mentioned in the plan.	Provided	No Shortfall
	Front	-do-	Min-2.34 mtrs & max-5.06 mtrs	Nil (abutting road 06 mtrs)	No shortfall as per one time relaxation scheme vide Home Department Notification No-28550/CD BBSR dtd-28.08.2020
	Rear	-do-	1.73 mtrs	Nil	-do-
	Left	-do-	Min-0.91 mtrs & max-1.61 mtrs	Nil	-do-
	Right	-do-	Min-1.31 mtrs & max-1.82 mtrs	Nil (abutting road 06 mtrs)	-do-
14.	Has drive way been provided around each building or tower or block? If so, indicate its width, turning radius and load bearing capacity.	-do-	Not mentioned in the plan	N/A	No Shortfall
15.	If underground or basement extends beyond the plinth line in to the drive way, please indicate whether the roof of basement has the capacity to bear minimum forty-five ton load of fire service vehicles/appliances.	-do-	-do-	N/A	No Shortfall
16.	No. of Exits and their width	-do-	-do-	provided-02 Nos exit in ground floor Width-1.20 mtrs Width-1.20 mtrs Besides 04 Nos stairways having width of 01.25 mtrs 1.40 mtrs & 01.30 mtrs respectively from G. Floor to Top and another width of 1.10 mtrs treated as exit from G. floor to 1 st floor.	No Shortfall
17.	How many staircases have been provided in the building? Please indicate in each case.	-do-	Mentioned 04 Nos	Provided 04 Nos	No Shortfall
	a) Width of stairway	-do-	Not mentioned in the plan.	1.25 mtrs/ 1.40 mtrs / 1.30 mtrs / 1.10 mtrs	No shortfall as per one time relaxation scheme vide Home Department Notification No-28550/CD BBSR dtd-28.08.2020
	b) Width of treads	-do-	-do-	280 mm / 290 mm / 226 mm / 226 mm	-do-
	c) Height of riser	-do-	-do-	150 mm/ 140 mm / 140 mm / 140 mm	No Shortfall
18.	Has "Fire tower" been provided in all buildings or towers or blocks?	As per NBCI Not required	-do-	N/A	No Shortfall
	a) Fire rating of the walls of fire tower.	--do--	-do-	--do--	-do-
	b) Fire rating of Exit doors at each floor of fire tower.	--do--	-do-	-do-	-do-
19.	Average peak occupant load per floor in all buildings or towers or blocks.	Required	-do-	979 persons	No Shortfall
20.	Number and details of all lifts? Please indicate in respect of each lift:	Not required	-do-	N/A	No Shortfall
	a) Floors between which the lift runs.	--do--	--do--	--do--	--do--

No Shortfall

	b) Type of doors fitted to the lift car and each landing.	Not required	Not mentioned in the plan.	N/A	No Shortfall
	c) Fire resistance rating of lift car landing doors.	--do--	--do--	--do--	--do--
	d) Floor area of the lift car	--do--	--do--	--do--	--do--
	e) Load capacity of the lift car.	--do--	--do--	--do--	--do--
	f) Type of communication system installed in the lift car.	--do--	--do--	--do--	--do--
	g) Has "Fireman" switch been installed in the lift for grounding it in the event of fire?	-do-	-do-	-do-	-do-
21.	If more than one lift is installed adjacent to each other, whether or not adjacent lifts wells/ducts are separated by fire resistant walls?	Not required	--do--	N/A	No Shortfall
22.	Have lift wells/ducts, lift lobby and stair wells been pressurized?	Staircase required to be naturally ventilated or pressurization	--do--	Provided staircase is naturally ventilated	No Shortfall
23.	Have lift lobby and stair cases been effectively enclosed to prevent fire/smoke entering them from outside at any floor including basement(s)?	Not required	--do--	N/A	No Shortfall
24.	Have all the "Exits" and "Way to Exits" been signposted with self-illuminated signage's ?	Required	--do--	Provided	No Shortfall
25.	No. of Wet Riser(s) and Dry Riser(s) and internal diameter of each riser.	Not required	--do--	N/A	No Shortfall
26.	No. and details of Down Comer(s)	Not required	--do--	N/A	No Shortfall
27.	No. of single and twin outlet internal hydrants in each floor including basement(s).	Not required	--do--	N/A	No Shortfall
28.	No. and details of first-aid hose reels in each floor including basement(s).	To provide adequately so that available within 30 mtrs from any point at each floor level and the horizontal distance between any two Hose Reel points shall not exceed 50 mtrs.	--do--	Provided	No Shortfall
	b) Bore and length of hose reel tubing on each reel drum.	19mm 30mtrs	-do-	-do-	-do-
	c) Size (Bore) and type of nozzle fitted to each hose reel.	4.5 mm shutoff Valve	-do-	-do-	-do-
	d) Is the hose reel connected directly to the riser or to the hydrant outlet?	Connected to the Terrace tank	-do-	-do-	-do-
29.	Has fire hose been provided near each hydrant in hose box? If so, please indicate:	Not required	--do--	N/A	No Shortfall
	a) The type of hose	--do--	--do--	--do--	--do--
	b) The size of (bore) of hose.	--do--	--do--	--do--	--do--
	c) The length of each hose	--do--	--do--	--do--	--do--
	d) Total no of hoses provided to each hydrant.	--do--	--do--	--do--	--do--
30.	Have branch pipes been provided? If so, please indicate:	Not required	-do-	N/A	No Shortfall
	a) The type of branch pipe	--do--	--do--	--do--	--do--
	b) Size of nozzle of each branch	--do--	--do--	--do--	--do--
31.	Are all buildings, towers or blocks equipped with automatic fire detection and alarm system? If so, please indicate:	Not required	--do--	N/A	No Shortfall
	a) No. and type of detectors (smoke or heat) installed.	--do--	--do--	--do--	--do--
	b) Whether detectors provided both above and below the false ceiling.	--do--	--do--	--do--	--do--
32.	Have manual fire alarm systems been installed in all floors including basement(s) of all buildings, towers or blocks? If so, give details.	Not required	--do--	N/A	No Shortfall
33.	Has public address system been installed in all floors including basement(s) of all buildings, towers or blocks?	Required	-do-	Provided	No Shortfall
34.	No. and details of yard hydrants?	Not required	--do--	N/A	No Shortfall
35.	Details of automatic sprinkler system installed both above and below the false	Not required	--do--	N/A	No Shortfall

	ceiling in all floors including basement(s) of all buildings, towers or blocks.				
36.	Have stationary fire pumps been installed? If so, please indicate:	Required Terrace pump	Not mentioned in the plan.	Provided	No Shortfall
	a) The number of pumps	01 No	--do--	--do--	--do--
	b) Sizes of suction diameter (mm) and delivery diameter (mm) of each pump.	50 mm 50 mm	--do--	--do--	--do--
	c) The output of each pump in LPM	450 LPM	--do--	--do--	--do--
	d) The maximum head against which the pump can operate at the output mentioned at (c) above.	Required	--do--	--do--	--do--
	e) Is the pump automatic in action?	Automatic	--do--	--do--	--do--
37.	Capacity and size of the underground static tank if any, exclusively for fire fighting purpose and provisions for replenishing the same.	Not required	--do--	N/A	No Shortfall
38.	Capacity and size of the terrace tank and it's connectivity to the wet riser/down comer/hose reel.	Required 10,000 ltrs	--do--	Provided	No Shortfall
39.	Number and type of fire extinguishers (bearing ISI certification) provided at various locations in each floor including basement(s) building/tower/ block-wise.	Required two 09 ltrs water expelling extinguishers or ABC 05/06 kg fire extinguisher for every 200 m ² area or part there of with minimum of 04 extinguishers per compartment/floor. The extinguisher should be so located as to be available within 15 mtrs radius.	--do--	Provided as per scale	No Shortfall
40.	Details of stand-by source of power provided? If so, please indicate:	Required	--do--	Provided 02 Nos DG set	No Shortfall
	a)The capacity (output)	--do--	--do--	30 KVA & 15 KVA	--do--
	b)The functions that can be maintained simultaneously such as operating lifts, fire pumps, emergency lighting etc.	--do--	--do--	fire pumps, emergency lighting	--do--
	c) Is the standby source automatic in action or has to be started manually?	Automatic	--do--	Automatic	--do--
41.	Details of fire control room and its location.	Not required	--do--	N/A	No Shortfall
42.	Is the building centrally air conditioned? If so, please indicate.	Not required	--do--	N/A	No Shortfall
	a) The material used for construction of ducts and its fittings.	--do--	--do--	--do--	--do--
	b) The type of lining used for ducts	--do--	--do--	--do--	--do--
	c) Type of legging used, if any for insulating any portion of ducts and indicate how the legging is secured.	--do--	--do--	--do--	--do--
	d) Fire resistance rating of false ceiling material.	--do--	--do--	--do--	--do--
	e) If plenum is used as returned air passage, has it been protected with fire detectors? Please give details.	--do--	--do--	--do--	--do--
	f) Has a separate air handling unit (AHU) been provided for each floor?	--do--	--do--	--do--	--do--
	g) Is the AHU having auto shut off system in case of actuation of detector?	--do--	--do--	--do--	--do--
	h) Have fire dampers been provided inside ducts? If so indicate the no. and type of dampers.	--do--	--do--	--do--	--do--
	i) Is the ducting for each floor effectively isolated or is it continuous for more than one floor?	--do--	--do--	--do--	--do--
43.	Basement ventilation details:	Not required	--do--	N/A	No Shortfall
	a) Whether natural ventilation is relied upon? If so, give details of vents with area for the stairwell, lift shafts.	--do--	--do--	--do--	--do--
	b) Whether mechanical ventilation has been provided? If so, give details of the system indicating the number of air changes for the basement and other floors.	--do--	--do--	--do--	--do--

	c) Whether mechanical ventilation is coupled with automatic detection system? Give details of the system.	Not required	Not mentioned in the plan.	N/A	No Shortfall
44	Location of the switch gear and transformers? If inside the building, please indicate.	Transformer outside the building and Switch gear outside/inside in separate room	--do--	transformer not available. Panel board & switch are installed in the ground floor under the staircase	No Shortfall
	a) Are the switchgears and transformers housed in separate compartments effectively? If so, are they separated from each other and from portion of the building by four hrs fire resistive wall?	--do--	--do--	Power supply by NESCO	No Shortfall
	b) What precautions have been taken to prevent a possible fire in transformers from spreading?	Required One Co ₂ extinguisher of 4.5 Kg cap., one DCP 09 Kg and 03 Nos sand Buckets for panel Board.	--do--	Provided	No Shortfall
45.	Where electric cables, telephone cables, dry/wet risers/down comers pass through a floor or wall, have the spaces (apertures) round the cables/pipes been effectively sealed/ plugged with non combustible, fire resistive materials?	Required	--do--	Sealed	No Shortfall
46.	Are the occupants of the building periodically trained in use and operation of fire safety measures and emergency procedure? If so, give periodicity and details of training. If not, why?	Required	--do--	trained	No Shortfall
47.	Whether, emergency drills / rehearsals conducted regularly? If so, how often and whether local Fire Station is involved? If not, why?	Required	--do--	Not Conducted	To be conducted twice in a year with involvement of local fire station
48.	Has a qualified fire safety supervisor been appointed for the premises? If so, his full details. If not, why?	Not required	--do--	N/A	No Shortfall
49.	Has the building been protected against lightning? If so, indicate its details including its periodical testing if not, why?	Required	--do--	Provided	No Shortfall
50.	Any other information.	<p>The Fire and life safety arrangement in respect of G+2 Floors Sri Satya Sai Vidya Vihar, over plot-467/843, 468/844 & 568, Khata No-224/241 & 241, Mouza-forest Colony Sahi Ward No-03, PO-Baripada, Dist-Mayurbhanj has been inspected by DFO Balasore Circle, Balasore and AFO Baripada Fire station in presence of Principals and other staffs. The Fire safety measures have been prepared as per NBCI 2016.</p> <p>The Fire Prevention and Fire safety measures were test, checked and found functional condition and also well maintained.</p>			


 21.1.21
 (Ramesh Chandra Sethy)
 Deputy Fire Officer
 Balasore Circle, Balasore
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 Balasore Circle, Balasore

23/02/2022
 Principal
 Sri Satya Sai Vidya Vihar
 Baripada