

GOVERNMENT OF ANDHRA PRADESH
STATE DISASTER RESPONSE AND FIRE SERVICES DEPARTMENT

From:
The District Fire Officer,
VISAKHAPATNAM.

To
The Correspondent,
M/s Vedanta, Hindustan Zink Ltd.,
Zinc Smelter Sr. Secondary School,
HZL Premises Gajuwaka,
Visakhapatnam District

Sir,

Rc.No.622/A4/2009 Dated: 12.01.2010

Sub: Andhra Pradesh State Disaster Response and Fire Services Department-Eastern Region-
Visakhapatnam District- Issue of No Objection Certificate for occupancy to the existing
Educational building of M/s Vedanta, Hindustan Zink Ltd., Zinc Smelter, Gajuwaka,
Visakhapatnam District-Regarding.

- Ref:
1. Section 13(2) of Andhra Pradesh, Hyderabad Fire Services Act, 1999 and Rule 15(2) of Andhra Pradesh Fire & Emergency Operations and levy of Fee Rules, 2006.
 2. Chief Office instructions Memo Rc.No:2305/B2/2007, Dated: 28.02.2007, 12.09.2008 and 30.12.2009.
 3. Lr.No:VZS/HR/2009 Dated.26.11.2009 of Correspondent of Sri YSVS Naidu, of Zinc Smelter (PO), at M/s Vedanta, Hindustan Zink Ltd., Zinc Smelter, Gajuwaka, Visakhapatnam District
 4. G.O.Ms. 154, MA & UD (M1) Dept., Dated. 13.03.2007 & Government Memorandum No 4011/M1/2008 of MA& UD (MI) Dept. Dated: 19.05.2008.
 5. Inspection of Report Rc.No.148/ADFO/2010 dated:12.01.2010 of Assistant District Fire Officer, Visakhapatnam along with in Charge Station Fire Officer, Pedagantyada..

Vide reference 3rd cited, the Owner/Builder/Authorized Representative has reported that he has constructed Educational Building without obtaining Provisional No Objection Certificate from this Department and requested to issue the No Objection Certificate for Occupancy in terms of G.O. reference 4th cited for the Education institution, situated at M/s Vedanta. Hindustan Zink Ltd., Zinc Smelter, Gajuwaka, Visakhapatnam District.

2) Vide reference 5th cited, the inspection committee, has inspected the building on 11.01.2010 and recommended for the issue of No Objection Certificate for occupancy for the above educational Building.

3) Particulars of the Educational Building.

No: of Blocks/ Total Built up area / Ht. Of bldg		: 10 Blocks
Block -A,B,C,D,	2597.70 Sq. Meters	Ground+01 Floors (Height07.65 Metres)
Block E, F, G, H, I, J	1491.82 Sq. Meters	Ground Floor only (Height 04.00 Metres)
Total Built up area	4089.52 Sq. Meters	--

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Block J

Sl.No	Floor	Area in Sq.Mtrs	Occupancy.	Occupant Load
1.	Ground	231.20	Educational	50 No. of Students

The management has remitted fire precaution fee Rs.40,490/- (Rupees Forty thousand four hundred and ninety only) on No.57783, Dated:26.06.2009, at Sub Treasury office Branch Visakhapatnam.

iv. a. Means of Escape:(A,B,C,D Blocks G+1 Floors)

Sl.No	No. of staircases	Width in meters	Total width
1	Internal 02.Nos	1.35 Meters	02.70 Meters
2	External 01 No	01.35 Meters	01.35 Meters
Total			04.05 Meters

b.

Highest No. of Students in a Floor	Width of staircases required (No. of students divided by 50 =Meters)	Aggregate width of staircases provided	Deficit
50	50/50=01.00 Meter	04.05 Meters	Nil

v. Fire Safety Measures :

Sl.No	Fire Safety Measures	Required as per Table 23 of NBC of India 2005	Provided	Deficiency
1	Fire Extinguishers	Required	Provided 35.Nos	Nil
2	Hose reel	Required	Provided 04.Nos (A,B C D Blocks)	Nil
3	Down Comer	Required	Provided (A B C D Blocks)	Nil
4	Terrace tank	15,000 Litters	50,000 Litters (A B C D Blocks)	Nil
5	Terrace Pump	450 LPM	7.2 hp motor pump (A B C D Blocks)	450 LPM

vi. Additional Safety measures in lieu of deficiency in open spaces provided as per G.O.Ms.154, MA & UD (M1) Dept., Dated. 13.03.2007 read with Government Memorandum No 4011/M1/2008 of MA& UD (M1) Dept. Dated: 19.05.2008.

Sl.No	Safety Measures	Required as per Table 23 of NBC of India 2005	Provided	Deficiency
1	Additional Fire Safety Measures as per G.O.Ms.154, MA & UD (M1) Dept., Dated. 13.03.2007 read with Government Memorandum No 4011/M1/2008 of MA& UD (M1) Dept. Dated: 19.05.2008. is to be complied as the mandatory open spaces are Deficit		One Multi purpose tender One water tender Available at a distance of 600 Meters to the School.	--

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4. The EXISTING Educational Building M/s Vedanta, Hindustan Zink Ltd., Zinc Smelter, Gajuwaka, Visakhapatnam District is provided with Fire Safety measures prescribed in part 4, NBC- 2005 / G.O.Ms.154, MA & UD (M1) Dept., Dated: 13.03.2007 read with Government Memorandum No 4011/M1/2008 of MA& UD (MI) Dept. Dated: 19.05.2008.
5. The Fire safety systems were tested by the committee members during the inspection and performance found satisfactory. Therefore, this office has No Objection for Occupancy Clearance to existing Educational Building M/s Vedanta, Hindustan Zink Ltd., Zinc Smelter, Gajuwaka, Visakhapatnam District subject to the following conditions

I.	All the fire protection arrangements shall be maintained in good repair as seen during inspection
II	All the escape / exist routs shall not be kept locked / blocked or encroached.
III	All the occupants must know the correct method of operation of the fire fighting system installed.
IV	Any loss of life or property due to non- functioning of fire safety measures and other installation shall be the responsibility of the management.
V	All students / staff members of the institution shall be trained to operate the fire safety equipments during emergency.
VI	Addition / alteration, if any in the building may be obtained with prior permission from this Department.
VII	Mock Drill should be conducted once in 3 months for initial Two Years. Thereafter, once in every 6 months.

6. This Occupancy Clearance is valid for period of One year from the Date of Issue. The management must provide 06.00 Meters open space clearance on the south side of the school Building with in a period of 60 days.

Yours faithfully
Narasimham
(S.V. Narasimham) 12/11/2010
District Fire Officer
Visakhapatnam 12/11/2010
12/1/2010

Copy to the Management.
Copy to the Inspection Committee.

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ii. Open Spaces:

Direction	Required as per NBC	Provided	Deficit
East	06.00 Meters	05.00 Meters	01.00 Meters
West	06.00 Meters	05.00 Meters	01.00 Meters
North	06.00 Meters	53.00 Meters	Nil
South	06.00 Meters	Nil	06.00 Meters

iii. Floor-wise particulars:

Block A

Sl.No	Floor	Area in Sq.Mtrs	Occupancy.	Occupant Load
1.	Ground	113.25 Sq.Mtrs	Educational	49 No. of Students
2.	First	113.25 Sq.Mtrs	Educational	19 No. of Students
Total Built up area		226.50 Sq.Mtrs		

Block B

Sl.No	Floor	Area in Sq.Mtrs	Occupancy.	Occupant Load
1.	Ground	466.45 Sq.Mtrs	Educational	49 No. of Students
2.	First	466.45 Sq.Mtrs	Educational	19 No. of Students
Total Built up area		932.90 Sq.Mtrs		

Block C

Sl.No	Floor	Area in Sq.Mtrs	Occupancy.	Occupant Load
1.	Ground	434.16 Sq.Mtrs	Educational	49 No. of Students
2.	First	434.16 Sq.Mtrs	Educational	19 No. of Students
Total Built up area		868.30 Sq.Mtrs		

Block D

Sl.No	Floor	Area in Sq.Mtrs	Occupancy.	Occupant Load
1.	Ground	285.00 Sq.Mtrs	Educational	49 No. of Students
2.	First	285.00 Sq.Mtrs	Educational	19 No. of Students
Total Built up area		570.00 Sq.Mtrs		

Block E

Sl.No	Floor	Area in Sq.Mtrs	Occupancy.	Occupant Load
1.	Ground	205.78	Educational	50 No. of Students

Block F

Sl.No	Floor	Area in Sq.Mtrs	Occupancy.	Occupant Load
1.	Ground	205.78	Educational	50 No. of Students

Block G

Sl.No	Floor	Area in Sq.Mtrs	Occupancy.	Occupant Load
1.	Ground	205.78	Educational	50 No. of Students

Block H

Sl.No	Floor	Area in Sq.Mtrs	Occupancy.	Occupant Load
1.	Ground	206.04	Educational	50 No. of Students

Block I

Sl.No	Floor	Area in Sq.Mtrs	Occupancy.	Occupant Load
1.	Ground	231.20	Educational	50 No. of Students

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