Sub:- Guideline for promoters / developers / contractors / agencies for prevention of mosquito breeding at construction sites in different wards of KMC. Re: Prem. No. 103 SOVA BAZAR STREET, WD: 009 Mr/Ms NISCHINT JALAN CA OF KALI CHARAN MORERORS

diseases in the city of Kolkata.

Empty each and every water storage container/ reservoir at a weekly interval.

2.5-3 liters per 100 sq m surface area at weekly intervals. • For carrying out the need based larvicidal spray with any of the said 3 materials at your construction site, please procure 1 or 2 knapsack sprayers (16-litre capacity) from the open market and select 1-3 field workers from your end and accomplish the job by employing their services at a weekly interval. Technical knowhow for sprinkling/ spraying may be obtained from the visiting vector

Control Team of KMC; the team will keep a close watch on your construction site. If any sort of violation on your part with regard to implementation of the proposed antimosquito guidelines is found, legal steps will be resorted to by the KMC as per the Please cooperate and help the Health Department of KMC prevent transmission of mosquito-borne

Area shall not be less than 15 Sq M on the external wall with cantilever projection at the designated height as per he refuge area shall be of Fire Resisting Construction and protected with Self Closing FCD at the entrance from the The projected refuge area shall be surrounded by 1 M high wall and opening to the refuge area from utility or any utility shall not be allowed. G)FIRE FIGHTING WATER:

Underground water reservoir having water capacity of 100000 Ltrs. and O.H.W.R. (5000 X 02) = 40000 ltrs Shown/Marked) capacity exclusively for firefighting purpose shall be kept full at all time. The Fire water reservoir shall have overflow arrangement with the domestic water reservoir as well as to avoid stagnancy

Provision of necessary manhole shall be made on the top of this reservoir as per specification. Provision of replenishment at the rate of at least 2000 its./min. from two spate source of water supplies shall be made. The deep tube wells for the replenishment of the reservoir shall be incorporated with auto starting facility with actuation of

auto detection and suppression arrangement of the premises and shall also be connected with duel power supply units. Provision of placing Fire Appliances on the underground water reservoir to be made to draw water in case of emergency. H)WATER LAYOUT SYSTEM: The building shall be provided with wet riser with 150 mm. Internal diameters Pipe Line for each part with provision of Hose Reel Hose at the Staircase landings / half landings. The system shall be so designed that shall be kept charged with

Water all the time under pressure Ail other requirements shall conforming I.S. 3844 - 1989. \*Provision for Hose Reel units on swiveling drum in conjunction with Wet Riser shall be made near each lading valves. •Provision of yard hydrant at designated distance as per Specification shall have to be provided. Two fire service inlet near the entry or exit of the premises facing to the abulting road shall have to be provided.

\*Basement floor level shall have to be provided auto sprinkler system along with alarming system. \*Detection system shall also be provided on Basement floor and corridors of every floor level. \*Basement shall have to be provided with Mechanical Smoke Venting System.

Preventice measures need to be taken for pollution free environments-

a) Wrap construction area/buildings with geotextile fabric installing dust barriers, or other actions; as appropriate for the location,

Apply water and maintain soils in a visible damp of crusted condition for temporary stabilization. c) Apply water prior to leveling or any other earth moving activity to keep the soil moist throughout the Clean wheels and undercarriage of haul trucks prior to leaving construction site. This is to let you know that the onus of preventing mosquito breeding at the said construction site

This is to let you know that the onus of preventing mosquito breeding at the said construction site

primarily rests with you and hence you are hereby requested to undertake the following preventive

measures on your own on a regular basis to keep the site free of mosquito larvae:

Empty each and every water storage container/ operate; Stabilize adjacent disturbed soils following paying activities with immediate landscaping activity or If you face any problem in emptying water containers/ reservoirs, please cause to Sprinkle kerosene/ diesel/ MLO (mosquito larvicidal oil) on their water surfaces @ of 2.5-3 liters per 100 sq m surface area at weekly interval. minimum.

Stabilite sloping surfaces using soil binders until vegetation or ground cover can effectively stabilite the slope, a Disposal of debrts in consultation with the local authorities following proper environmental .

management practice.

an) During construction work, including cutting of marbles, ambient noise level should not exceed more

a) Don't dispose of debris indiscriminately,
b) Don't allow the vehicles to run at high speed within the work site.
b) Don't cut materials without proper dust control/noise control facility.
b) Don't keep materials without effective cover.
c) Don't allow access in the work area except workers to limit soil disturbance and prevent access by.
frenchis ditches, vegetation, berms or other suitable barrier.
b) Don't leave the soil, sand and coment stack uncovered.
c) Don't keep materials or debris on the roads or payements.
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Sub: Fire Safety Recommendation in favour of Proposed B+G+XI Storied under group Residential Building of U/R-142 of K.M.C. Building Rules 2009 and K.M.C. Building Act 1980 Situated at premises No.- 103, Sovabazar Street, D)STAIRCASE: 09, Br. No.- I, Under Kolkata Municipal Corporation.

Memo no.:FSR/0125186228700421

West Bengal Fire & Emergency Services

Fire Prevention Wing.

To: NISHCHINTH JALAN

•The whole construction of the Proposed building as well as proposed shall be carried out as per approved plan drawings conforming the relevant building rules of local Municipal Body. •The floor area exceeds 750 m2 shall be suitable compartmented by separation walls up to ceiling level having at least Two hours Fire resisting capacity. \*The interior finish decoration of the building shall be made of low flame spread materials conforming to I.S. \*Provision of ventilation at the crown of the central core-duct of the building shall be provided.

d pressure (2280 LPM) and discharge into the Water based system, which shall be installed in the building. pump shall always be kept on stand-by be of diesel driven type. scape route like staircase, common corridors lift lobby etc. shall not be used as return air passage. )ELECTRICAL INSTALLATION & DISTRIBUTION: ne A.H.U. room shall not be used for storage of any combustible materials. The electrical installation including transformers, Switch Gears, Main & Meters etc. and the distribution system of the

premises shall be made satisfying the code of practice for Fire safety in general building as laid down in I.S. specification \*Electrical distribution system shall conform all the requirements as laid in I. S. 1646-1982. •The electrical installation shall be adequately protected with automatic CO2/D.C.P.

-All electrical installation viz. Transformer Switch Gear L. T., H. T. rooms shall be protected with both auto detection and suppression systems as per suitability. a.Arrangements shall have to be made to supply power with the help of a generator to operate at least the Fire Pump, Pump for deep Tube-well, Fire Alarm System, etc. and also for Illuminating the Staircase, corridors etc. and other places of main riser shall be made. assembly of the building in case of normal power failure. L)DETECTION, ALARM AND SUPPRESSION SYSTEM:- (

•Manually operated Electrical Fire Alarm system with at least three numbers of break glass type call boxes fitted with Hooters along with public address system, talk back system at each floor connecting with audio-visual panel board shall be obtain access for maintenance of fire dampers. made in control Room. The control Room shall be located at the entrance of Ground Floor of the building, other N) FIRE DAMPER:requirements of the system shall be made conforming I.S. 2189-1988. ·Auto Fire Detection System (Analogue Addressable ) with the help of Flint and smoke detector shall be installed in all places of below and preferably above false ceiling of the building. The system shall also be made in places of rooms where valuable articles have been kept. The other requirements of system shall be made in accordance with I.S 2189-1988. •The Suppression system shall be made with Fire Extinguishers and total flooding system with CO2/F.M.-200 particularly in computer and Electrical processing and data room and in a room of irreplaceable articles. ·Hotter will be sounded in such a manner so that an operation of a Detector or Manual call point Hooters will sounded on the same floor and immediate alternate floor.

M)AIR CONDITIONING SYSTEM: (If any ) Provision of the Fire Pumps (JOCKEY MAIN AND STAND BY Fire Pumps) shall have to be made to supply water at the \*The system of auto shut down of A.H.U. shall be incorporated with auto detection and alarm system. \*The air handling Units room shall not be used for storage of any combustible materials. \*The A.H.U. shall be separated for each floor with the system .Air ducts for individual floors.

·Arrangement shall be made for isolation at the strategic locations by incorporating auto dampers in the air conditioning

Kolkata-700073, Ward No.- 09, Br. No.- I, Under Kolkata Municipal Corporation.

103, SOVABAZAR STREET, WARD NO-09, BOROUGH NO-01, P.S.- SHYAMBAZAR, KOLKATA-700073.

Government Of West Bengal

Office Of The Director General

West Bengal Fire & Emergency Services

13D, Mirza Ghalib Street, Kolkata - 16

The staircase of the building shall be enclosed type. Entire construction shall be made of bricks / RCC type having Fire This is in reference to your application no. 0125186228700421 dated 08-05-2022 regarding the Fire Safety Resisting Capacity not less than 4 hours. Recommendation in favour of Proposed B+G+XI-Storied under group Residential Building of U/R- 142 of K.M.C. Building Rules 2009 and K.M.C. Building Act 1980 Situated at premises No.- 103, Sovabazar Street, Kolkata- 700073, Ward No.-The plan submitted by you was scrutinized and marked as found necessary from Fire Safety point of view. In •The width of the Staircase shall be made as shown in the plan. Corridors and the exit doors shall conforming the relevant returning one set of plan with recommendation, this is issuing Fire Safety Recommendation in favor of the building rules and well as rules of the cinematograph act. With up to date amendments. aforesaid building subject to the compliance of the following fire safety measure. \*All the staircases shall be extended up to terrace of the building and shall be negotiable to each other without entering into any room.

•The walls of the lift enclosure shall be at least two hours Fire Resisting type. ·Collapsible gate shall not be permitted. In case of failure of normal electric supply, it shall automatically trip of alternate supply and also shall have manually operated change over facility. Alternatively, the lift shall be so wired that in case of power failure, it comes down at ground level stands still with door open.

•Arrangements shall have to be made for sealing all the vertical & horizontal ducts by the materials of adequate Fire F)Refuge Area :

\*Arrangements shall be made for isolation at the strategic location by incorporating auto dampers in the Air Conditioning \*Wherever the ducts pass through Fire Wall of Floors, the opening around the ducts shall be sealed with fire resisting materials such as asbestos etc. •The metallic ducts shall be used even for the return air instead of space above the false ceiling. •The material used for insulating the duct system (inside or outside) shall be of non-combustibly materials .Glass wool shall

not be wrapped or secured by any materials of combustible nature . If the air handling unitserve more than one floor, the recommendation given above shall be complied with in addition as below:---(a) Proper arrangement by way of automatic fire dampers working on fusible link for isolating all ducts at every floor from (b) The vertical shafts for treated fresh air shall be of masonry construction. (c) The air filter for A.H.U. shall be of non-combustible materials. (d) The A.H.U. room shall not be used for storing any combustible material. (e) Inspection panel shall be provided in the main trunk to facilitate the cleaning of ducts of accumulated dust and to

·Fire dampers shall be located in conditional air ducts and return air ducts/passage at the following points:--1)At the fire separation wall. 2) There ducts/passage enter the central vertical shaft.

3) Where the ducts pass through floors.

4) At the inlet of supply air duct and the return air duct of each compartment in every Floor. \*Arrangement shall be made for isolation at the strategic locations by incorporating auto dampers in the Air Conditioning 5) The damper shall operate automatically and shall simultaneously switch off the air Handling fans. Manual operation facilities shall also be provided. 6) Automatic Fire Dampers Shall be so arranged so as to close by gravity in the direction of air movement and to remain rightly closed open operation of a fusible link. \*First Aid Fire fighting arrangement in the style of placing suitable type of portable Fire Extinguishers, Fire Buckets etc in all

floors and vulnerable locations of the premises shall be made in accordance with LS. 2190-1992.

/irst Aid firefighting arrangement in the style of placing suitable type of portable Fire Extinguishers, Fire buckets etc. in all of the building.

loors and vulnerable locations of the premises shall be made in accordance with I.S. 2190-92. \*Disposable type B. A. Musk to be kept always for emergency fire situation. \*Fire Notice for Fire Fighting and evacuation from the building shall be prepared and be displayed at all vulnerable places \*Floor numbers and directional sign of escape route shall be displayed prominently. •The occupancy and security staff shall be conversant with installed Fire Fighting equipments of the building and to operate in the event of Fire and Testing. ·Arrangement shall be made for regular checking, testing and proper maintenance of all the Fire Safety installation and equipments installed in the building to keep them in perfectly good working conditions at all times. A crew of trained Fireman under an experienced officer shall be maintained round the clock for safety of the building. Mock Fire practice and evacuation drill shall be performed periodically with participation of all occupants of building. ·Fire Safety certificate is to be obtained from the Director General, West Bengal Fire & Emergency Services certifying about the satisfactory services, performance of all, the Life and Fire Safety arrangements and installation of the building. On compliance of all the above Fire and Life safety recommendations, the Director General, West Bengal Fire & Emergency Services shall be approached for necessary inspection and testing of the installation, Fire Safety Certificate in favour of the occupancy shall be issued on being satisfied with the tests and performances of safety aspects of installation N.B.: Any deviation and changes the nature of use of the building in respect of the approved plan drawing, without

obtaining prior permission from this office, this Fire Safety Recommendation will be treated as cancelled.

apacity & the doors of service ducts / shafts of 2hr. Fire rating.

·Mechanical Extractor shall be designed to permit 12 ACPH in case of Fire or distress call.

OPEN SPACE & APPROACH:

maneuverability of Fire Appliances with turning facility,

Date: 05-07-2022

•Mechanical Extractor shall have inter-locking Arrangement so that extracting shall continue to operate and supply fans

•The basement shall be protected with Auto sprinkler system integrated with alarming system and several hydrant points.

\*The open spaces surrounding the building shall conform the relevant building rules as well as permit the accessibility and

\*The width and height of the access gates into the premises shall not be less than 4.5 and 5 M respecting abutting the

shall stop automatically with the Actuation of Fire Detector(s) and or sprinkler system with back up by DG Set.

\*The approach road shall be sufficiently strong to withstand the load of Fire Engine weighting up to 45 M.T.

Before starting any Construction the must conform with the plans sanctioned ad all theconditions as proposed in the plan should be fulfilled. The validity of the written permission to execute the work is subject to the above conditions.

Design of all Structural Members including that of the foundation should conform to Standards specified in the National Building Code of India

Non Commencement of Erection/ Re-Erection within Five year will Require Fresh Application for Sanction

CONSTRUCTION SITE SHALL BE MAINTAINED FREE FROM JR POLLUTION ACCORDING TO UNDERTAKING SUBMITTED AS PER AMENOMENT DT, \$1.01.2019 VIDE NO. 95/MA/Q/C-4/ 3R-7/2017 OF SCHEDULE-IV OF KMG BUILDING RULE 2009

A suitable pump has to be provided i.e. pumping unfiltered water for the distribution to the flushing cisterns and urinals in the building incase unfiltered water from street main is not available.

No rain water pipe should be fixed or discharged on Road or Footpath. Drainage plan should be submitted at the Borough Executive Engineer's Office and the sanction obtained before proceeding with the drainage work

Plan for Water Supply arrangement including

SEMILI G. & O. H. reservoirs should be

submitted at the Office of the Ex-Engineer Water

Supply and the sanction obtained before

proceeding with the work of Water Supply any

CONSTRUCTION SHEE SHALL BE MAINTAINED

TO PREVENT MOSQUITO BREEDING AS REQUIRED U/S 498 (1) & (2) OF CMC ACT 1980. IN SUCH MANNER

SO THAT ALL WATER COLLECTION & PARTICULARLY

LIFT WELLS, VATS, BASEMENT CURING SITES, OPEN

RECEPTAGLES ETC. MUST BE EMPITED COMPLETELY

All Building Materials to necessary

standered specified in the National

5/0 L. Bela

& construction should conform's to

Building Code of India.

deviation may lead to disconnection/demolition.

No. 2023010005 Date 24/04/23 Borough No... 1 3/05.200 5/0 L Bore Ex. Engineer / Asst. Engineer Bor. No. .... Bor. No. ...

, The building materials that will be stacked on Road/Passage or Foot-path beyond 3-mounts or after construction of G. Floor, whichever is earlier may be selzed forthwith by the K.M.C. at the cost and risk of the owner.



OFFICE OF THE EX. Eng. (BOLG)

Sanctioned subject to demolition of existing structure to provide open space as per plan before construction is started 5/0 S. Das 

KOLKATA MUNICIPAL CORPORATION BUILDING DEPARTMENTS CERTIFIED COPY OF B.S. PLAN No. 2023 O 10005 Dt 24/04/2027



