

Office of the Dy. Chief Fire Officer
Municipal Corporation of Greater Mumbai
1st Floor, CST N. Station
Mumbai - 400037

MUNICIPAL CORPORATION OF GREATER MUMBAI
MUMBAI FIRE BRIGADE

No: FB 45/217/12-1
Date: 11/07/2017

Sub: N.O.C. of fire Safety measures for two nos. of temporary erected structure for Ready Mix Concrete plant at M/s M/S J Kumar Infraprojects Limited, plot bearing C.T.S. no- 230B, Mahul Gaon, Village. Anik, Tal. Kurla, Mumbai -400037.

Ref: i) Application from Plant manager M/s Mogarkar & Associates
Dt- on 03/07/2017.
ii) MFB No. S4/R - V/29 dtd 10.07.2017.

✓ **A.E. (B & F), M/W Ward**

The premises under subject is temporary erected structure two nos. on open ground admeasuring area 8218 Sq. meters approx, used for the preparation of ready mix cement concrete for M/s J Kumar Infraprojects Limited, Mumbai. The temporary erected structures are of GI Sheet, M.S Framed works having partitions with various sheds used for the storage of ancillary commodities required for the Ready Mix Cement Concrete Plant. The party is using Aggregate Electro Motive Power 865 KVA.

Now the party applied for NOC of Fire Safety Measures for the erection of temporary structures for Ready Mix concrete plants for preparation of cement concrete by using 865 KVA. Electromotive power and storage of ancillary commodities, offices etc. as shown on the attached plans.

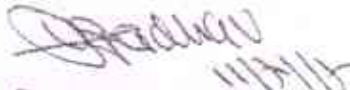
In view of above as far as this department is concerned, there would be no objection to allow the party to carry out the trade of mixing cement concrete by using an aggregate electric motive Power 865 KVA. and allied activities at the above mentioned place in area of 8218 Sq. meters approx subject to satisfactory compliance of the following requirements.

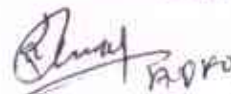
- 1) Entrance, internal passage, cross passage leading from an entrance to rear exit shall be kept unobstructed at all the time for easy movement of vehicles and fire appliance in case of an emergency all over the plot area.
- 2) The total area of the ready-mix concrete plant and its allied activities shall be covered / cordoned-off with G. I. sheets compound wall of 8 ft. height.
- 3) Separate unobstructed lane shall be kept from the entrance to the rear side of the site of 1.5 meters width for the staff and workers at all the time.
- 4) Electric lighting and power wiring shall be laid in metal conduit and continuously bonded to the Earth.
- 5) Electric switch boards shall be installed three meters away from concrete plant and At an easily accessible place.
- 6) Electric main shall be switched off daily before closing the plant / premises.
- 7) The total aggregate electric motor power shall not exceed 865 KVA.
- 8) Electric motor shall be kept free from oil, dirt, grease, grit, etc.
- 9) Imposed load on any electrical motor shall not exceed it's designed load.
- 10) Electric heating appliances shall be provided with suitable standard thermostat control valve.
- 11) Electric installation and switches shall be of spark proof type.
- 12) Free space of one meter shall be kept around the machinery for free movement of Workers.
- 13) Ancillary commodities shall be kept separately in different lots keeping a distance of about 3 meters from each other and away from heat, flame and electrical installation in separate store rooms.
- 14) While working near hopper and working at a height, necessary precaution shall be taken and trained workers should only allowed to work near hopper and at height with safety belts.

Total quantity of ancillary commodities shall be restricted as follows

No	Item	Quantity	No	Item	Quantity
1	Cement silo	1000 MT.	8	Crush Sand	800 Tones.
2	Aggregate Metal-1	1600 Tones	9	Water	1500000 Litres
3	Aggregate Metal-2	1000 Tones	10	Admixture	30 Mt.
4	Fly ash	300 MT.	11	GGBS	150 mt.
5	Diesel	500 Ltrs	12	Lubricant Oil	500 Ltrs
6	Greece	200 kg	13	Shuttering Oil	800 ITRS
7	Fly Micro Silca	3 tones			

- 15) Guard, conveyor belt, fencing shall be erected and safety precautions shall be taken.
- 16) All erections of the mixing machine etc. shall be of sound construction, installed on paved foundation and properly fenced. Only operator shall be allowed inside the mixing plant and restricted for outsiders.
- 17) Oil impregnated cotton waste shall be collected regularly in metal bin having lid and shall be disposed off daily before closing the premises.
- 18) Good housekeeping shall be maintained on the premises.
- 19) Add-mixture solution added in cement for improving retaining its strength shall be stored in separate GI sheet structure room and away from the plant.
- 20) No any flammable chemicals / commodities shall be stored in the premises.
- 21) Nothing shall be stored in the radius of one meter from the concrete plant.
- 22) Necessary precaution shall be taken for various types pollution such as air pollution; due to cement, Noise pollution due to Machinery and staff / workers shall be trained to use necessary safety equipment while working, as per safety norms and as per specifications of air pollution and Noise Nuisance Department.
- 23) Smoking, cooking, dwelling, use of naked light and heating (except permitted) shall be strictly prohibited in the premises.
- 24) Necessary permission under section 390 of MMC act, shall be obtained from A.E. (B & F), M/W ward.
- 25) ABC type dry chemical powder fire extinguishers of 6 kgs. capacity with ISI certification mark and coupled with buckets filled of dry & clean sand shall be kept at every 100 Sq. meters area on the premises and CO2 type fire extinguishers shall be kept near Ready Mix Plant and Electrical installations.
- 26) This permission is valid for a period of six months and shall be renewed after the completion of the same.
- 27) The fresh trade license U/s 394 of M.M.C act. for the trade of mixing cement concrete for the storage of ancillary commodities and U/S 390 for using electromotive power shall be obtained from concerned authorities.
- 28) This NOC is issued from Fire, risk and Safety point of view only and valid subject to authenticity of the structure, area, premise and verification of area mentioned there in by M/W ward.
- 29) In interest of fire & safety of the occupants the fire safety requirements stipulated above shall be complied on the priority basis and the compliance report shall be submitted to C.F.O's Department.
- 30) Ready mix concrete mixture plant shall be dismantled after construction work is over.


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