

MAHARASHTRA INDUSTRIAL DEVELOPMENT CORPORATION
(A Government of Maharashtra Undertaking)

No. MIDC/Fire/A04499

Udyog Sarathi,
Marol Industrial Area,
Mahakali Caves Road,
Andheri (E), Mumbai-93.
Dated: 05/01/2015

CIRCULAR

Sub: Implementation of Maharashtra Fire Prevention and Life Safety Measures Act, 2006

Providing and maintaining Fire Prevention and Life Safety Measures in an Industrial building.

The Maharashtra Fire Prevention and Life Safety Measures Act, 2006, in short, "Fire Act", provides, in schedule-I, minimum requirements for fire fighting installations in different types of buildings or occupancies based on the classification thereof made in Part 4 of the National Building Code. Note 14 appended to the said schedule-I provides that, in so far as group G industrial buildings are concerned, the provisions of schedule-I would apply to them and for other industries the requirements in relation to minimum fire installations are to be worked out separately on the basis of relevant Indian Standards. In pursuance of this provision the Directorate of Fire Services has, by Office Order no. MFS/10/2014/ 1313 dated 10/9/2014., prescribed the minimum standards for fire fighting installations for all industrial buildings. All these statutory provisions are mandatory and are to be followed scrupulously.

2. The Development Control Rules of MIDC, Part-3 also provides the guidelines for fire prevention, protection and life safety which are to be followed while giving building plans approvals. The requirements of fire prevention, protection and life safety are recommended by the Fire Department at the time of granting Building Plans approval and at the time of occupancy certificate, the final fire approval is issued by the Fire Department after inspection as to whether or not the requirements as pointed out while giving approval to the building plan, are followed. Attention, in this connection, is invited to the provisions of sub-section (2) of section 3 of the Fire Act which provides that no authority empowered to sanction the construction plan of any building or part of a building and to issue certificate of completion thereof, unless it is satisfied that the owner has complied with the requirements specified in Schedule-I, or the requirements, pointed out in a notice, if any, given under section 6 of the Fire Act are followed. In addition, the authority is to satisfy itself that the requirements mentioned in the Office Order No. MFS/10/2014/ 1313 dated 10/9/2014. issued by the Directorate of Fire Services are, where relevant, followed or not.

3. **Provisional Fire Approval :-** For the plot having size upto 5000 Sq. meters and built up area upto 2000 Sq. meters the SPA should not insist for Provisional Fire Approval at the time of plan approval. Fire extinguishers are only recommended for the proposed low hazard industrial building in Group G (the list of low hazardous industries is mentioned in Annex B of Part 4 of NBC 2005, copy thereof is enclosed herewith for information). The SPA should include, in the letter conveying approval of

the plan; the requirement of one DCP fire extinguisher (ABC type) of minimum 5 Kg capacity for 100 Sq. meter of built-up area; and the initial fire protection fund fees as per the classification of industrial areas for A, B and C should be recovered as per MIDC's office order No. MIDC/Fire/ 1078 dated 12th July 2006 at the time of approval of the plan. At the time of grant of the Building Completion Certificate (BCC), and the Occupancy Certificate it should be ensured by SPA that the owner or occupier has provided such fire extinguishers as per IS 15683. For installation of fire extinguishers Form A as prescribed under the Maharashtra Fire Prevention and Life Safety Measures Rules, 2009. (Hereafter referred to as "Fire Rules") is not required.

4. Renewal of Final Fire Approval :- Sub section (3) of section 3 of the Fire Act read with sub-rules (1) and (2) of rule 4 of the Fire Rules cast the responsibility on the owner or occupier to submit 'Forms -'A' and 'B' as issued by the licensed agency. As explained in the circular no. MFS/2014/10/1531 dated 30/10/2014 issued by the Directorate of Fire Services, the final fire approval given after construction, completion and occupancy certificates the question of renewal of final fire approval does not arise.

If any Authority functioning or operating under any law, for time being in force, when demands from any owner or occupier to submit renewal of final fire approval, the fire officer or, as the case may be, the nominated officer should carry out inspection of the concerned industrial building and a copy of the report of such inspection together with copy of form 'B' should be forwarded to the owner or occupier for onward transmission thereof to the said Authority.

5. The copies of the Office Orders and Circulars mentioned in this Circular are made available on MIDC's website www.midcindia.org and Directorate's website www.mahafireservice.gov.in.


(S.S. Warick)

Chief Fire Officer & Fire Advisor,
MIDC, Mumbai-93.

05/01/15

Copy submitted to the Chief Executive Officer, MIDC, Mumbai.

Copy f.w.cs. to :

The Chief Engineer, MIDC, Mumbai/Pune/Nanded.
The Addl. Chief Engineer, MIDC, Nagpur.

Copy to
All Divisional Fire Officers, MIDC
All Fire Station Officers, MIDC
All SPAs, MIDC.

ANNEX B

(Clauses 3.1.8 and 3.1.11)

BROAD CLASSIFICATION OF INDUSTRIAL AND NON-INDUSTRIAL OCCUPANCIES INTO DIFFERENT DEGREE OF HAZARD

B-1 LOW HAZARD OCCUPANCIES

Abrasive manufacturing premises
Aerated water factories
Agarbatti manufacturing premises
Analytical and/or Q.C. Laboratories
Arecanut slicing and/or Betelnut factories
Asbestos steam packing and lagging manufacturers
Assembly buildings small (D-4 and D-5)
Battery charging and service stations
Battery manufacturing
Breweries
Brickworks
Canning factories
Cardamom factories
Cement factories and/or asbestos or concrete products manufacturing premises
Ceramic factories, crockery, stoneware pipe manufacturing
Clay works
Clock and watch manufacturing
Clubs
Coffee curing, roasting and grinding factories
Condensed milk factories, milk pasturising plants and dairies
Confectionary manufacturing
Dwellings, lodges, dormitories, etc
Educational and research institutions
Electric lamps (incandescent and fluorescent) and T.V. tube manufacturing
Electroplating works
Engineering workshops
Fruits and vegetables dehydrating and drying factories
Fruits products and condiment factories
Glass and glass fibre manufacturing
Godowns and warehouses (non-combustible goods)
Gold thread/gilding factories
Gum and/or glue and gelatine manufacturing
Ice candy and ice-cream and ice factories
Ink (excluding printing ink) factories
Mica products manufacturing

Office premises
Places of worship
Pottery works
Poultry farms
Residential buildings (A-1 to A-4) (except hotels A-5)
Salt crushing factories/refineries stables
Sugar candy manufacturing
Sugar factories and refineries
Tanneries
Umbrella assembling factories
Vermicelli factories
Water treatment/filtration plants and water pump houses
Zinc/copper factories

B-2 MODERATE HAZARD OCCUPANCIES

Airport and other transportation terminal buildings
Aluminium factories
Assembly buildings (D-1 to D-3)
Atta and cereal grinding
Bakeries and biscuit factories
Beedi factories
Bobbin factories
Book-binders, envelopes and paper bag manufacturing
Cable manufacturing
Camphor boiling
Candle works
Carbon paper/typewriter ribbon makers
Card board box manufacturing
Carpenters, wood wool and furniture makers
Carpet and durries factories
Cashewnut factories
Chemical manufacturers (using raw materials having F.P > 23°C)
Cigar and cigarette factories
Coir factories
Cold storage premises
Computer installations
Cork products manufacturing (coir, carpets, rugs and tobacco) (hides and skin presses)
Dry cleaning, dyeing and laundries
Electric sub-stations/distribution stations

Electrical generating stations except under ground powerhouses
 Enamelware factories
 Filler and wax paper manufacturing
 Flour mills
 Garment makers
 Ghee factories (other than vegetable)
 Godowns and warehouses (other than non-combustible goods)
 Grains and seed disintegrating or crushing
 Grease manufacturing
 Hosiery, lace, embroidery and thread
 Hospitals including 'X'-ray and other diagnostic clinics (institutional buildings)
 Incandescent gas mantle manufacturers
 Industrial gas manufacturing (only halogenated hydrocarbons/inert gases)
 Man-made yarn/fibre (except acrylic fibre/yarn)
 Manure and fertilizer works (blending, mixing and granulating only)
 Mercantile occupancies (departmental stores, shopping complex, etc)
 Mineral oil blending and processing
 Museums, archives, record rooms
 Oil and leather cloth factories
 Open storage of flammable liquids (in drums, cans, etc)
 Oxygen plants
 Paper and cardboard mills (except raw material yard)
 Piers, wharves, dockyards
 Plastic goods manufacturing
 Plywood/wood veneering factories
 Printing press premises
 Pulverizing and crushing mills
 Residential apartments, hotels, cafes, restaurants
 Rice mills
 Rope works
 Rubber goods manufacturing
 Rubber tyres and tubes manufacturing
 Shellac factories
 Silk filatures
 Soaps and glycerine factories
 Spray painting
 Starch factories
 Tea factories (including blending packing of tea)
 Telephone exchanges, garages
 Textile mills

Tobacco chewing and pan masala making
 Tobacco re-drying factories
 Woolen mills

B-3 HIGH HAZARD OCCUPANCIES

A)

Aircraft hangers
 Aluminium/magnesium powder plants
 Bituminized paper/hessian cloth/tar felt manufacturing
 Bulk storage of flammable liquids (tank farm, etc)
 Celluloid goods making
 Chemical manufacturers (where raw materials have a F.P. < 23°C)
 Cigarette filter manufacturing
 Cinema films and T.V. production studios
 Coal, coke and charcoal ball and briquettes making
 Collieries, steel plants
 Cotton seeds cleaning and delinting factories
 Cotton waste factories
 Distilleries
 Duplicating/stencil paper making
 Fire works manufacture
 Foamed plastic and/or converting plants
 Godowns of warehouses (combustible/hazardous goods) (H)
 Grass, hay, fodder and BHOOSA (chaff)
 Hazardous occupancy buildings (J)
 Industrial gas manufacturing (except halogenated hydrocarbon gases/inert gases)
 Industrial units (G-3 occupancies)
 Jute mills and jute presses
 Linoleum factories
 Man-made fibres (only acrylic fibre/yarn making)
 Match factories
 Mattress and pillow makings (foam plastics)
 Metal or tin printers (if more than 50 percent is engineering, shift to ordinary hazard)
 Oil mills
 Oil extraction plants
 Oil terminals/depots
 Paints/Varnish factories
 Paper and cardboard mills (only raw material yard)
 Pressing factories
 Printing ink making
 Resin, lamp black and turpentine manufacture
 Saw mills

Surgical cotton manufacturing
Tarpaulin and canvas proofing factories
Turpentine and resin distilleries
Tyre retreading and resolving factories
Underground shopping complexes (F-3)

B)

Ammonia and urea synthesis plants

Explosive factories
LPG bottling plants
Petrochemical plants
Petroleum refineries

NOTE — In case of complexes having segregated plants with varying degrees of hazards, the competent authority having jurisdictions shall be consulted to decide the level of protections to be provided.