

## **SPECIFICATIONS FOR CLEANING & HOUSE-KEEPING ACTIVITIES**

The Cleaning & House keeping of station buildings should be carried out as per frequency given in Annexure- A and B by using adequate no. of specified machineries & equipments. The contractor may have to use the suitable cleaning & washing Detergents/ Reagents etc. or as specified by DMRC.

### **A. CLEANING OF ARCHITECTURAL WORKS**

#### **1. Floor at Concourse, Plat form, Passages:**

Different type of floors provided for Concourse, Plat form, Passages provided in Station buildings shall be kept in neat & tidy condition by using Wet & Dry cleaning methods with adequate trained personnel, machines & equipments. The Eco friendly disinfectants detergents / liquids shall be used. The machines /equipments & Disinfectant detergents /liquids should not destroy the surface of flooring. Cleaning & House keeping operations shall not cause any damage to the Buildings, Equipments, Personnel etc.

The Concourse, Platform, Passages area to be cleaned daily during non operational hours before first train starts and then after cleaning to be done once in each shift and as & when required with out affecting the passenger's movements. The necessary safety signage boards shall be used to avoid any accidents.

#### **1.1 Different types of floor area in all rooms of station buildings**

Different types of Floors including skirting/dado provided in Different rooms of station building to be cleaned as per the frequency by using wet & dry cleaning methods by deploying specified cleaning equipments/ machines. The cleaning area should be kept neat & tidy condition. All rooms are to be cleaned during non operational hours & during shifts and as and when required. While cleaning no damage shall occur to the flooring, carpet, and equipments provided in the rooms.

#### **2.0 Different types of finishing works to walls, pillars etc.:**

Different type of finishes like mosaic tile, mridul tiles, granite stone, washed stone grit plaster, acrylic polyurethane enamel paint applied on wood or metal works etc. shall be cleaned as per frequency given in the scope of work by using wet & dry cleaning methods with specified & cleaning equipments. While cleaning no damage should occur to the provided finishing works.

### **3.0 Cleaning of doors/window frames & shutters:**

Different type of paneled or glazed doors/windows like wooden, Aluminum, Galvanized steel sheet doors, fire rated door etc. shall be cleaned by suitable (wet or dry or both) cleaning methods as per frequency. No scratches or damages shall occur on the surfaces being cleaned.

### **3.1 Cleaning of Glasses fixed to the doors, windows, Ticket Counters etc:**

The Glass surface shall be cleaned gently with wet/dry cleaning methods as per frequency given in the scope of work (A). While cleaning the high raised glass surface proper care should be taken so that no cracks/ breakages occur. Suitable detergent/reagents to be used for cleaning.

### **4.0 Cleaning of Rolling shutters:**

Various sizes of rolling shutters provided in the station are required to be cleaned by using suitable methods & trained personnel. The colour of the cleaned surface & the lubrication material like grease, oil etc. should not be deteriorated while cleaning.

### **5.0 Cleaning of stainless steel / mild steel/PVC hand railing:**

Stainless steel / mild steel/PVC hand railing provided to the stair cases/balconies etc. to be cleaned along with the balusters by wet/dry cleaning methods. While cleaning no damage shall occur to the cleaning surfaces.

### **6.0 Cleaning of suspended ceiling:**

Different type of ceiling like Arm strong ceiling, gypsum ceiling etc. to be cleaned with suitable method and specified equipments. This activity should be carried out with due care, while cleaning no commuters or other personnel should be affected. While cleaning no damage to be occurred to the cleaning surfaces.

### **7.0 Cleaning of Plat form roof ceiling:**

The Plat form roof Ceiling provided with different type of roof sheets on the steel tubular truss etc. to be cleaned by using suitable methods with adequate trained personnel and cleaning equipments. The contractor shall take adequate care so that no accident occurs & cleaning operation does not cause any damages. The contractor shall make necessary arrangement to clean elevated surfaces with due safety.

The Roof Ceiling Cleaning in the platform area to be carried out as per the frequencies mentioned duly availing the Shadow Power Block & Permit to work from operations staff.

The Platform ceiling area is also having 25000 V AC Traction overhead equipments. Cleaning in such areas would need special permits to be issued by the authorized representative of the employer, without which Cleaning should not be attempted.

The Cleaning of such areas will have to be done during Non-Operational hours only after obtaining the PTW from station Controller.

**DO'S AND DON'TS FOR HOUSEKEEPING STAFF**

**DO'S**

1. In case of fire / anything unusual on electric traction equipment or wires, inform the station controller/Manager.
2. Extinguish fire by special extinguishers (carbon tetrachloride or carbon dioxide type, if available).
3. Ensure no water jet to be directed at the fire under any circumstances.
4. Before taking up the work on a line running parallel to 25 KV AC lines, the line shall be earthed on both sides. Ensure that the distance between the two earths used for protection does not exceed 1km.
5. Keep clear of the track and avoid contact with the rails when electric train within 250m.
6. Special care should be taken to carry long pipes, poles or ladders so that it should not come in contact with or within 2 meters of live OHE.
7. Cleaning work other than that of surface (i.e. of beam, pillars etc.) should be done during block period only.
8. Whenever washing or cleaning using water jets is done, take appropriate power block.
9. Cases of electric shock arising out of contact with 25 KV A.C traction equipment shall be reported immediately to TPC.

**DON'Ts**

1. Do not approach within 2 meters of any traction wires or live equipment.
2. Do not work on or near traction wires or any live equipment unless they are made dead, earthed and shut down notices/ permit to work obtained.
3. Do not enter any switching station or remote control centre unless specially permitted.
4. Do not touch a person in contact with live traction wires. Remove body only after power supply is switched off & earthed.
5. Do not touch any traction wire hanging from the mast or fallen on the ground and do not allow any one else to touch it.
6. Cleaning work with conducting materials like Aluminium/ Steel rods should be avoided at all times when power block is not availed.
7. Do not lift or raise your tools towards traction wires.

8. Do not damage the plinth continuity, connection to BEC, OPC and handrail continuity.
9. Do not use steel tape or metallic tape or tape with woven metal reinforcement in electrified area.
10. Do not forget to give artificial respiration to the victim as per the prescribed procedure laid down at shock treatment charts.
11. Metallic telescopic rods are prohibited for use in the DMRC station.

**Contractor has to submit undertaking in specified Performa w.r.t Do & Don'ts related to danger of work in the vicinity of 25KV traction**

**8.0 Cleaning of Bitumen Surface:**

Bitumen surface provided for the service roads, circulating area/-parking area is to be cleaned by using dry cleaning methods as per frequency given in the scope of work (Annexure – A and B). Proper safety signage is to be used while cleaning to avoid any accidents. No traffic movements to be affected due to cleaning operations.

**9.0 Cleaning of Pavement:**

Pavement of concrete blocks, stone blocks etc. to be cleaned by using dry sweeping or any suitable method, which is provided along with, service roads/ circulating area/parking area. Proper safety signage is to be used while cleaning to avoid any accidents. No traffic movements to be affected due to cleaning operations.

**10.0 Supply, Cleaning, watering & maintenance of Indoor & out door plants, flowerpots and Cleaning, watering & maintenance of Lawns:-**

**10.1 Technical Specifications for display of Indoor & Outdoor, Decorative and Flowering plants in Containers:-**

- 10.1.1 The contractor shall supply & display the plans in different size, shapes, colors of containers, at all levels of building & shall maintain the same in good condition all the times.
- 10.1.2 The plants shall be cement pots. However wooden boxes with thin layer GI or Aluminium sheet inside/ FRP/GRP or any other polymer material pots of bigger as dummy to keep the plan pots in it, will be arranged by the department.
- 10.1.3 The plants shall be of good quality healthy, vigorous, free from pest & disease, attack, attractive, shining & good looking.

- 10.1.4 Display includes, procurement of plant, loading, unloading, transportation, transit, damage, maintenance & periodic replacement of unwanted plants.
- 10.1.5 Proper bottom covers shall be provided to avoid the spillage, leakage of water from the pots to the floor & the contractor in this regard shall make any damage good.
- 10.1.6 All Indoor & Outdoor plants shall be well maintained, all the times. If any plant is not in good condition, the same shall be replaced with good quality plant. All plants should always look good & fresh.
- 10.1.7 Watering:- Houseplants should not be watered daily. It should be done only when required. Over watering of plants in the low light areas may cause the plants to loose their foliage or root decay. Test the soil with fingers if it is dry beneath the surface it is time to water. To water thoroughly be sure to apply water on the entire soil surface until, water flowing out the drainage holes. Water should not stagnate in the pot if so check the drain hole. In winter, watering once in a month and in summer & spring, at least twice in a week or as & when required and in rain as & when required. Withering, dropping of leaves, sadness of the plant is sign of need of watering. Moss stick, should be kept wet, when watering is done. Water should be neutral, potable, fit for agriculture.
- 10.1.8 Pruning/ disbudding/ defoliation: Dead, dried, dieback, twigs should be cut periodically. Dry, Damaged, diseased leaves should also be removed time to time.
- 10.1.9 Light: Plants should be displayed in such a way that they may get sufficient light, but not excess or scorching light/heat.
- 10.1.10 Pest & Diseases: The common pest, of house plants are greenfly, mealy bugs, scale insects, red spider, mites, thrips, snails & slugs. These can be controlled by spraying or dusting with appropriate insecticides. The most common disease are gray mould, mildew, root rot & stem canker, may be controlled by use of fungicides.
- 10.1.11 Hoeing/ Mulching: after every two-three watering, hoeing should be done & soil mixed with oil cake/ NPK, should be added to the pot, to provide some nutrition to the plant and to cover the

open root zone. Moss grass, marble chips etc should be spreaded over the soil up to the brim of the pot if directed so.

10.1.12 Washing/ Cleaning of leaves: Wash the leaves with water, periodically to remove dust etc & to avoid clogging of stomata. Do not use oil, liquid wax, or milk to clean & make the leaves shining, however commercially available leaf shine of good quality may be used sparingly.

10.1.13 Rotation of Plants: Rotating of Plants, frequently/ time to time is absolutely necessary, plants will lose its shine, vigour and health, if kept for long time inside the building. Plants will grow & bend one side if light falls on the side of a plant continuously. Therefore should be rotated within the building as per light & temperature situation, or be taken out of the building kept in nursery for a short while or replaced altogether if died. Houseplants should not be kept directly under fan near AC, fireplace. Do not allow pouring the remaining of coffee, tea, plastic bags or any kind of office/house waste.

10.1.14 Coloring/ Painting the pots/ Containers: Earthen ware containers should be periodically colored with red oxide (Geru/Hirannji), however Asbestos/ cement pots etc if displayed may be painted with paint, but nothing should splash on the floors.

10.1.15 Mounts: Moss stick made over PVC pipes or any other kind of mounts used for training the plants & displayed, shall be in presentable condition & not less than 3' high.

10.1.16 Removal of dead/ damaged/ unwanted pots: The discarded pots, due to any reason shall immediately be replaced & removed out of the premises, however, may be stacked temporary in one of the unseen isolated corner for one or two days, before finally removed.

**(B) Cleaning, Watering & Maintenance of Lawns (if available)**

- a) The Lawn developed by Doob grass or any means to be maintained & cleaned properly by using dry & wet cleaning methods. Trimming of extra growth to be carried out as & when required. The grass should not be destroyed due to improper cleaning methods or any means.
- b) Regular watering shall be done to keep the grass always in good condition.
- c) Maunuring shall be done as per the requirement.

- d) Whenever grass is destroyed the same area shall be replaced by fresh grass.

The rate quoted shall be inclusive of all labour/materials/cartage lead lifts/up keeping/ maintenance like watering, manuring replacing of deteriorated grass by fresh grass etc. The contractor will have to provide watering pipes, pipe fittings etc. One experience gardener shall be deployed for the maintenance of lawns. up to the end of contract period.

The premises should not become dirty/ Slippery while watering / maintaining the plants or lawns.

**11 Cleaning of tree guards:**

Tree guards wherever provided is to be cleaned by using suitable methods. The painted surface should not be deteriorated while cleaning.

**12 Cleaning of Kerb Stones:**

Kerb stones wherever provided should be cleaned by suitable method. It should be ensure that no Fungus formation/stains to be developed on the exposed surface of stone. The fluorescent sticker fixed / Paint applied to the kerbstone should not be deteriorated while cleaning.

**13 Cleaning of Mirrors:**

The mirrors should be cleaned neatly with suitable methods. The due care should be taken about the breakage of mirror or deterioration of its glassiness.

**14.0 Cleaning of Ceramic Jalli / concrete blocks Jalli**

The Ceramic jalli provided in the station building should be cleaned by suitable methods. Proper cleaning equipment/trained personnel to be used for cleaning as per frequency given in the schedule of work (Annexure – A and B). While cleaning no portion of ceramic jalli /concrete Jalli destroyed and inconvenience to the commuter is to be caused.

**B. Traction E&M, Signalling, Telecom & AFC Equipments & Miscellaneous items available in Station premises.**

All Safety precautions are to be followed while cleaning the electrical equipments. Any accident if occur while Cleaning, shall be the sole responsibility of the contractor. All HT & LT panels are to be cleaned with the permission of authorized representatives of the Employers while Cleaning of Electrical equipments person shall wear suitable Hand-gloves & Safety Shoes. All Electrical Equipments should preferably be cleaned during non-commercial hours when they are switched off or as per the advice of the Employer's representative.

### **15.0 Cleaning of Lighting Fixtures & Accessories**

All type of Lighting Fixtures (In-door as well as Outdoor) provided in various locations of Stations are to be suitably cleaned without affecting the Fixtures & its accessories & without causing an damages to them. The frequency of attention shall be as per the scope of work given in Bill of Quantities.

The Lighting Fixtures along-with accessories like Bulb, Covers, Ballasts etc. are to be cleaned carefully by Trained personnel.

Special precaution needs to be taken for Cleaning of Lighting Fixtures which are provide in Platforms, Platform ceiling arches etc which are in the close vicinity of 25000V AC system. Cleaning of Lighting fixtures & accessories to be carried out as per the frequencies mentioned duly availing the Shadow Power Block & Permit to work from operations staff.

**16.0 Cleaning of Fans:** -All Type of Fans provided in various locations of the stations are to be cleaned as per the frequency given in schedule of work. No stations or impressions should remain as fan body & fan blades. While Cleaning, the fastening should not get loosened which supports the ceiling fans.

**17.0 Cleaning of D.G. Sets & Connected Equipments:** - The D.G. sets, connected panels, Battery Chargers, Fuel Tanks, Oil Barrels etc are to be cleaned by using a suitable method. D.G. set room contains flammable items; therefore extra care needs to be taken. The cleaning frequency shall be as per the **Schedule of Work**.

**18.0 Cleaning of Air-Conditioners:** - All type of Air-conditioners like Window type, Split type, package type etc are to be cleaned by using suitable cleaning methods as per the frequency given in Schedule of work. All safety precautions need to be taken while cleaning Electrical Equipments only outer body of equipments along with Louver etc. are to be cleaned.

**19.0 Cleaning of All HT & LT Equipments available in ASS room:-** All HT & LT equipments available in the ASS rooms are to be cleaned by using a suitable cleaning method. Only outer Louvers of the Equipment panels need to be cleaned by using Dry-Cleaning method. The cleaning has to be done in the presence of an authorised representative of the Employers or based on the permit given by the Authorised representative of the employer.

**20.0 Cleaning of all LT equipments available in LT switch room:-** All LT equipments available in LT switch room are to be cleaned. Only outer body portion without live portion needs to be cleaned by using a suitable Dry cleaning method. All safety precautions are to be used. No damage shall cause while cleaning such equipments.

**21.0 Cleaning of All Equipments available in UPS room (Electrical and Signalling Rooms)**

The different types of equipments available in UPS room are to be cleaned by suitable methods & equipments. No operational services should be disrupted due to cleaning operations. While cleaning, the safety has to be ensured by the cleaning personnel. No equipment should be damaged due to cleaning. All safety precautions are to be used.

**22.0 Cleaning of Equipments in Signalling room: -**

All equipments available in the Signalling room and Station premises are to be Cleaned without Causing any damage by using suitable cleaning method. The Signalling rooms contain a lot of Electrical/Electronic Equipments, which are required to be carefully cleaned. The Signalling room is normally closed. The cleaning of Signalling equipments would need special permit by the authorized representative of the employer.

**23.0 Cleaning of Equipments in Telecommunication room:-**

All Equipments available in Telecom room & Station premises are to be cleaned. The Telecommunication equipments include the following: -

- a) All type of Passenger Information Display system equipments.
- b) All type of CCTV equipments
- c) All type of Master Clock equipments
- d) All type of Fiber optics equipments
- e) All type of Telephone & other communication equipments.

The Cleaning of Telecommunication equipments need to be done very carefully since many Electronic Components are used. The cleaning of Telecommunication equipments would need special permit to be given by the authorized representative of the contractor.

**24.0 Cleaning of all Automatic Fare collection equipments**

All Automatic Fare collection equipments need to be cleaned very carefully by using suitable cleaning methods. All safety precautions need to be taken. The Cleaning of Automatic fare collection equipments would need special permit to be given by the authorized representative of the Employer. The Automatic Fare collection equipments include station computers, AFC panels, all type of gates, Ticketing machines, Power supply equipments, Ticket readers etc.

**25.0 Cleaning of all Equipments available in Station Control Room, Booking Offices, Excess Fare Office: -**

All Equipments, panels etc available in these rooms are to be cleaned by using suitable cleaning method duly taking all necessary precautions.

**26.0 Cleaning of All Equipments available in Fire fighting room: -**

The different types of equipments available in Fire fighting room are to be cleaned by suitable methods & equipments. No operational services should be disrupted due to cleaning operations. While cleaning, the safety has to be ensured

by the cleaning personnel. Any accident if occurs, shall be the sole responsibility of the contractor. No equipment should be damaged due to cleaning

### **27.0 Cleaning of All Equipments available in Pump room**

The different types of equipments available in Pump room are to be cleaned by suitable methods & equipments. No operational services should be disrupted due to cleaning operations. While cleaning, the safety has to be ensured by the cleaning personnel. Any accident if occurs, shall be the sole responsibility of the contractor. No equipment should be damaged due to cleaning

### **28.0 Cleaning of Lifts:-**

The Lifts are to be cleaned. Basically the Lift room meant for passengers to be cleaned. The Floor, walls Electrical Fan & Light fittings are to be cleaned. The Switch panel inside the Lift room & outside the Lift room are also to be cleaned including indication panel & communication equipment. Similarly, Lift Doors inside & Outside are to be cleaned. All Safety precautions are to be taken while cleaning the Lifts.

### **29.0 Cleaning of Escalators: -**

All Escalators are to be carefully cleaned. The Cleaning may need special cleaning procedure to be followed, which is to be given by the Escalator manufacturer. If manufacturer does not give any cleaning procedure, then the contractor has to propose a suitable cleaning procedure, which will have to be approved by the Contractor. The Escalator steps, Balustrade and other items as permitted by the authorized representative of the Employer alone one are to be carefully cleaned. The cleaning should not cause any damage to the Escalators.

### **30.0 Cleaning of portable fire extinguishers/Smoke detectors/ Fire detectors**

The portable fire extinguishers, smoke detectors, Fire detectors wherever available in the station building area are to be kept in neat condition.

### **31.0 Cleaning of butterfly valves / landing valves /internal hydrants, piping of all types**

All type of valves provided for fire fighting pipe lines are to be carried out as per frequency given in the schedule of work (Annexure – A and B) by dry and wet cleaning methods. It should be ensured that no dust should be accumulating on the valves. The exposed surface of the pipe also to be cleaned and kept in neat condition always.

### **32.0 Cleaning of Cable Trays, Cable Trench Covers etc:- All types of Cable Trays, Cable Trenches covers etc are to be cleaned by using suitable cleaning method.**

### **33.0 Cleaning of Telephones sets & accessories:**

Telephone instruments provided in all the rooms of station building are to be cleaned by using suitable method. Telephone instrument should not be affected due to cleaning operations.

**34.0 Cleaning of Computers and accessories:**

Computers and its accessories like CPU; UPS; Printer, Keyboard Monitor etc. are to be cleaned as per frequency given in the schedule of work (Annexure – A and B) by suitable method. No data should be deleted or functioning of computer with held due to cleaning operations.

**34.0 Cleaning of Signage boards/Notice boards:**

Different types of Signage boards/Notice boards etc. provided in station buildings are to be cleaned as per frequency by suitable methods. The said boards should be kept neat & clean always.

**36.0 Cleaning of furniture provided in all rooms/offices:**

The different type of furniture provided in all rooms /offices of station building are to be cleaned as per frequency by suitable methods.

**37.0 Cleaning of Office equipments**

Different types of office equipments like Almirahs, Bookshelves, Rakes etc. are to be cleaned as per frequency given in the Schedule of work (Annexure – A and B)

**38.0 Supply and Cleaning of Dust bins:**

- (a) The contractor shall supply adequate no. of Small and Big transparent dust bins with the approval of the Employer.
- (b) Samples to be approved by Employer.
- (c) Each service room shall be provided with one or more dust bins of small size.
- (d) At various locations Big dust bins (Transparent) with covers and plastic bag inside for waste collection shall be in adequate quantity.
- (e) Dustbins shall be cleaned as per the requirement on a Daily basis.
- (f) Adequate no. of spare dust bins shall be kept to replace damaged /dirty dust bins.
- (g) Very big size dustbins shall be provided in adequate nos. with covers to finally collect the waste/garbage. These dustbins shall be provided with a disposable plastic cover inside. Such dustbins should be sealed & be emptied in the nominated MCD locations. The dustbins to be transported in sealed condition only. Spare dustbins shall be kept when dustbins are sent for waste disposal. The dustbins are to be kept in neat and clean manner & should be cleaned and washed on daily basis.

**39.0 Cleaning & sanitation of Bathrooms & Toilets:**

The Bathrooms & Toilets provided in the Station premises are to be cleaned and to be kept neat & in hygienic condition. Necessary disinfectant is to be used for cleaning of toilets/ urinals/wash basins & flooring. Liquid soap, toilet tissues, odourizers etc to be provided on consumable basis as & when required at the cost of contractor. These items should be made available in the adequate quantity at various places in the Bathrooms & Toilets etc.

**The blockage in the Sewage/water supply pipes shall be attended immediately.** The water leakage in pipefittings i.e. Taps, Bends, Valves etc. to be attended immediately. The Employer will supply the required fittings or contractor shall make his own arrangements with the approval of the Employer. The blockage / leakage or any type of attention required for Sanitary fittings like Washbasins, Cisterns, W.C. pans etc. to be made immediately. The washbasins, cisterns etc. if overflows due to blockage or due to any defects in the fittings should be attended immediately. The overflow in water tanks shall attend immediately. Contractor should take care about no water stagnation in the station premises due to leakage of pipes/overflows & spillage of water.

#### **40.0 Pest control:**

**Pest control to be carried out by registered agency having certificate of fumigation issued by Directorate of plant protection, Quarantine & storage under Ministry of Agriculture and having valid form-VIII issued by development Department of Govt. of NCT of Delhi.**

Pest Control to be carried out as per frequency.

##### **General Pest Control: once in a month and as when required**

Treatment for: Cockroaches, Mosquitoes, lizards, Flies and ants, Silver fish and all other flying / crawling pests

Dengue & Malaria control

Disinfection

Honey Bee control

##### **Rodent/Carpet Treatment: once in a month and as when required**

Household Rodent, Climbing rats, sewer rats, Bandit coots

Carpet beetles- Pesticide used should not leave any stain on the carpet.

##### **Mosquito Control: once in a month and as when required**

Any extra treatment which is necessitated due to ineffectiveness of scheduled treatment, will not be payable.

Performance monitoring by the firm /contractor once in a week. In case if Pest control is done by the firm, the firm representative should visit once in a week to monitor the performance & effectiveness of the treatment.

The Pesticides used should be environmental friendly. It should not cause any harm to the man and material, materials etc.

Pest control shall be carried out in the Non-operational hours.

Material safety data sheets shall be submitted & infraction shall be followed.

#### **41.0 Removal /disposal of garbage/debris/waste:**

The collected garbage/debris/waste shall be disposed off to the MCD approved locations in closed condition without causing inconvenience to anybody. The contractor shall submit necessary procedure for removal / disposal of garbage/debris/waste for approval. The garbage /debris/waste may be required to be disposed several times in a day

**42.0 Cleaning & washing of Track plinth in the station area:**

By using adequate trained personnel & equipments/machineries, the contractor should clean track bed structure within the station area limit for up & down lines. Washing of track plinth should be done with suitable methods as per the frequency given in the Annexure – A and B. While cleaning proper care should be taken, so that no accident occurs. Any accident if occurs, shall be the sole responsibility of the contractor. Track bed structure should not be destroyed while cleaning. While cleaning lubricant material, which is applied to the track fastenings should not be affected. The cleaning work shall be done only during non- operations hours. This work would need a special permit to be given by Authorised Representative of Employer. One or both rails might be used for traction return current. While cleaning the Track Bed, the contractor shall not disturb the existing track arrangement, other Traction, E&M, Signaling, Communication equipments provided near the Track.

**43.0 Cleaning of Drainage System of entire Station premises**

The drains provided at different locations i.e. Platform, Sub surface drains along the service roads, parking areas etc. to be cleaned regularly and ensure that no blockage of water should occur. If any blockage occurs, it should be removed immediately & disposed off to the approved MCD locations. While cleaning proper care should be taken to avoid any accidents. If it happens to clean the Platform drains during operation hours, work should be carried out with the permission of the Employer's authorized person and necessary Safety Signages should be provided. While removing the cover slabs proper care should be taken so that no cover slabs should be broken and the cover slab should be put back after the completion of cleaning work.

**44.0 Cleaning of Overhead tank/underground water tanks**

Cleaning of Overhead tank/ under ground water tanks provided in the station area shall be cleaned with suitable cleaning agents and fresh water. The necessary arrangements shall be made to empty the water from the underground water tank. The cleaning of water tank shall be done with the approval of Employers authorized representative. No residual of cleaning agents should be left in the water tank after completion of cleaning.