

LIST OF APPROVED MAKES / AGENCIES FOR CIVIL & PLUMBING MATERIALS

| S. N | Materials | Manufacturers / Agencies |
|------|---|--|
| 1 | Ready mixed Concrete | Lafarge/RMC/RAMCO/ACC/Birla |
| 2 | Ordinary Portland Cement (Minimum 43 Grade) | UltraTech//RAMCO/India Cements/Birla/ ACC /Madras Cements |
| 3 | Steel Reinforcement/Structural Steel (Each LOT shall accompany manufacturer's Test Certificate) | SAIL, TISCO, RINL, JINDAL or BIS approved manufacturers |
| 4 | Stainless Steel | Salem Steel or as approved by E-IN-C |
| 5 | White Cement | JK Cement, Birla White |
| 6 | Bricks, Stones slabs, Lime, Neeru Stone aggregate & fine aggregate | Sample to be got approved by E-in-C before use |
| 7 | Vitrified Tiles | Nitco, Johnson, Naveen, Euro, Morbito, Somany |
| 8 | Flush doors | Kutty Flush Doors, Mysore Boards, Indian Plywood Mfg, Co, 'KIT' Ply' brand or any BIS approved brand |
| 9 | Fire check steel doors | Godrej, Sukri, Pacific works controls |
| 10 | FRP Doors | Fibrevent, Techno skills or Equivalent (or as approved by E-IN-C) |
| 11 | Aluminium Fittings | Everite, Garnish, Crown Classic |
| 12 | Hydraulic floor Spring/ Door | Everite, Garnish, Hardwyn |

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| | Closers | |
| 13 | Aluminium Extruded Sections | Jindal, Hindalco, Indalco |
| 14 | Aluminium Doors/Windows | Fabricator to be approved by E-IN-C |
| 15 | Paints, Distempers | Jenson & Nicholson, Asian, ICI, Nerolac |
| 16 | Glazing | Float Glass of Modiguard or Saint Gobain |
| 17 | Water proofing Works | As approved by E-IN-C |
| 18 | Water Proofing Cement Paint | Showcem India, ICI, Nerolac |
| 19 | Ceramic Glazed Floor Tiles | Nitco, Johnson, Somany, Naveen |
| 20 | Super plasticizer | CICO, MC Bauchemie (India) Pvt Ltd, Roffes Construction Chemicals, Pedilite Industries, FOSROC |
| 21 | PVC Flooring | Armstrong |
| 22 | False Ceiling (a) Fibre (b) Galvanized Steel (c) Calcium Silicate | Armstrong, Gyproc or Equivalent Armstrong, Gyproc, Hunter Douglass or Equivalent Aerolite, Gyproc or Equivalent |
| 23 | Cast Iron Pipes/ Fittings (Soil Pipes) | BIC, HEP, NECO, Ajmera |
| 24 | RCC Pipes | Indian Hume Pipe Co, Spun Pipe Co., Sementia, CH Patel & Co or Equivalent |
| 25 | Stoneware Pipes & Fittings | Dalmia, Parry |
| 26 | Cast Iron Pressure Pipes & Fittings | Tisco, BRM, KESORM or Equivalent |

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| 27 | GI Pipes (ISI marked) | TATA, Zenith, Jindal, Gujarat Steel, ITC |
| 28 | GI Fittings (ISI marked) | 'R' Brand KS/UNIK |
| 29 | Gunmetal Valves & Fittings | Premier/Leader/Zoloto/Sant/or with ISI mark |
| 30 | CI Sluice Valves, Check valves | IVC (Calcutta) Kirloskar/ Upadyaya/or with ISI mark |
| 31 | CP Brass Sanitary and water supply Fittings | Jaguar/Essess/SOMA/BILMAT/ Dripless or equivalent approved by E-In-C |
| 32 | Vitreous China Sanitary ware | Hindustan, EID Parryware/Cera/Neycer |
| 33 | WC Seats & Covers | Commander/Diplomat/Admiral |
| 34 | Polyethylene/Polypropylene cistern | Everlast/Flushflo/Esyflo/Challener/Champion/Commander, Marvel |
| 35 | CI Fixtures | Ashok Iron Works/Bombay Iron Works/A Husainji / Ismaelji or Equivalent approved by E-In-C |
| 36 | Stainless Steel Works | SP Fabricators, JINDAL ER Manda & Co or as approved by E-In-C |
| 37 | Curtain/Wall/Structural Glazing | Specialist Agency to be employed with Prior Approval of E-In-C |
| 38 | Plywood Products, Particle Boards & Veneers | Duroply (BWR) Century Plywood, Green Plywood, Kitply, Mysore Boards |
| 39 | Adhesive | Pidilite, Araldite |
| 40 | Plastic Laminates | Formica, Greenlam, Bakelite HYLAM |
| 41 | Powder Coatings | Berger/Nerocoat/Jenson & Nicholson |
| 42 | Tile Joint Filler | Bal Adhesives & Grouts, "ROFFE" Rainbow Tile Mate, |

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| | | Silicon Sealant of GE Bayer /"Zentrival FM" of MC-Bauchemie (India) Ltd |
| 43 | Resin Bonded Glass Wool | Crown Fibre Glass/Rock lloyd or equivalent approved by E-in-C |
| 44 | MS Tubes | TATA or equivalent |
| 45 | Silicon Sealant | GE Bayer Silicone, SIKA |
| 46 | Anchor Fastener | Hilti, Bosch |
| 47 | Formwork Release Agent | Fosroc, MBT, MC Baucheme CICO, ADO Conmat |
| 48 | EPOXY | FOSROC. SIKA Qualcrete, Aradlite MBT |
| 49 | Water proofing System | CICO, FOSROC, SIKA, Supreme Siltech Chemicals, ADO Conmat |
| 50 | Stainless Steel Sinks | Prestige/AMC/Jayna/Kingston/Neelkanth |
| 51 | CP Waste, Spreaders for Urinals | Jaguar / Essess |
| 52 | Sensor based Auto Flushing System for Urinals | AOS Systems/Angash |
| 53 | SFRC Manhole Covers | KK/SK & Precast Concrete |
| 54 | UPVC Pipes/Fittings | Supreme/Prince/ Finolex |
| 55 | Mirror | Atul / Modifloat/Saint Gobain/Golden Fish |

LIST OF APPROVED MAKES FOR SEWAGE TREATMENT PLANT

| SL.No | EQUIPMENT / ITEMS | APPROVED MAKE |
|---|---|---|
| 1 | Raw sewage pumpset - submersible type | Kishor, Grundfos, Kirloskar, ITT Lowara |
| 2 | Air Blower | Kay International , Kamlesh |
| 3 | Sludge pump | Kishor, Grundfos, Kirloskar, ITT Lowara |
| 4 | Chain pulley block | Indef, ardee, J.K. Morris |
| 5 | Axial flow fan | GEC, ABB |
| 6 | Pressure sand filter | Ion exchange, Thermax |
| 7 | Activated carbon filter | Ion exchange, Thermax |
| 8 | Filter feed pump - submersible type | Kishor, Grundfos, Kirloskar, ITT Lowara |
| 9 | Reclaimed water pump - submersible type | Kishor, Grundfos, Kirloskar, ITT Lowara |
| 10 | Sodium hypochlorite dosing system | Ion exchange, Thermax |
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| LIST OF ELECTRICAL ITEMS FOR STP | | |
| 11 | Motor | Siemens, NGEF, Crompton, Bharat Bijlee |
| 12 | Switches, PCC / LDB | L & T, Siemens, Crompton, GEC, ABB |
| 13 | HRC Fuses | Siemens, abb, I&t |
| 14 | Contactor | L & T, Siemens, Telemech, Kirloskar |
| 15 | Relays | ABB, Easen Reyrole, Kirloskar |
| 16 | Meters | GEC, Simco, Automatic Electric |

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| 17 | Earth Leakage Circuit Breaker | Indo Asian, SCS, ABB, GEC |
| 18 | MCBs | LEGRAND, Indo Asian, L&T, Havels |
| 19 | Power Capacitor | Crompton, Universal, Asian, NGEF |
| 20 | Luminaries | Philips, Wipro, Crompton, GE |
| 21 | Cables | Universal, Omega, Torrent, Asian |
| 22 | Magnetic flow meter | Yokogawa / Blue star /Krohne marshall / Fisher Rosemount / Frehing or equivalent |
| 23 | Ultrasonic sensor | VEGA (CONTECH India Ltd), Endress, Hauser |
| 24 | pH sensor and controller | Fisher Rosemount / Endress + Houser |

NOTE: Any material not covered in the list shall be used only with the prior approval of the Engineer in Charge.