

List of Projects - India

| # | Project Detail | Client | Year | Current Status |
|---|---|--|------|----------------|
| 1 | Natural Remedies-Expansion and Modernisation of Natural Extract Facility' | Natural Remedies Private Limited EXTRACTION UNIT-01 S.F.NO.246/2, 308, 309, Kakkadasam Village, Denkanikota Taluk, KRISHNAGIRI DISTRICT TAMILNADU-635107, India | 2009 | Completed |
| 2 | Detailed Engineering - Proventus Life Sciences - Brown field expansion work | Proventus Life Sciences Private Limited, C-9, Industrial Complex Maraimalai Nagar-603 209., | 2006 | Completed |
| 3 | Millenium Pharma-Bulk Drug Chemicals - Detailed Engineering | MILLENNIUM CHEMI PHARMA (MYSORE) PVT.LTD. MEPL/MCP/DT/067/2007 49, Mysore-Belagoal Industrial Area July 20, 2007 Metagalli Mysore-570 016. | 2006 | Completed |

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| 4 | VISL Badhrawathi Project-GCP Project - Pre bid engineering | Consolidated Engineering Construction Co. "Modi Court", 1st Floor 65/1, Millers Road Benson Town Bangalore-560 046 | 2007 | Completed |
| 5 | Sourcing appropriate process technology for the manufacture of Ethylene, Ethylene Oxide and Ethanol Amines starting from Ethanol | Frost & Sullivan, Mumbai | 2007 | Completed |
| 6 | Duct Design for furnace | Chemtech | 2008 | Completed |
| 7 | Det.Engg.-Hot water Tank top support modification to erect PC+Steel structure for SC | Elof Hansson (India) Pvt. Ltd. 149, Chamiers Road R.A.Puram Chennai 600 028 | 2008 | Completed |
| 8 | Structural Design Engg. Work of Reactors to Sirpur Paper Mill | Elof Hansson (India) Pvt. Ltd. 149, Chamiers Road R.A.Puram Chennai 600 028 | 2008 | Completed |

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| 9 | Basic Engineering study for Fluorine Products manufacturing facility | MFPL, Chennai | 2009 | Completed |
| 10 | Technical Due Diligence of Shield Health Care | Fulcrum Venture | 2010 | Completed |
| 11 | Basic engineering for New Formulation project | Indus Life Sciences P Ltd, Abiramapuram, Chennai | 2011 | Completed |
| 12 | Pre-Bid Engineering Services for Sulphur Recovery Unit for RAK Gas | AB Petro Service P Ltd NaftoGaz India Building A78 Sector 2 Noida 201301 UP, India | 2011 | Completed |
| 13 | Detailed Engg. Services for Polyurethane Binder Project | C & E Limited Chemical Division (Unit-II) Village Judikalan, Adjoining Plot No.69B, Industrial Area, Baddi -173 205 (H.P.) India | 2010 | Completed |
| 14 | Detailed Engineering for Automation & Expansion of PVC production plant | DCW Ltd, "Nirmal", 3rd Floor, Nariman Point, Mumbai 400021 | 2010 | Completed |
| 15 | Detailed engineering contract for Dryer expansion, VCM Stripper and PVC plant expansion project | DCW Ltd, "Nirmal", 3rd Floor, Nariman Point, Mumbai 400022 | 2011 | Completed |

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| 16 | Process engineering support for upgradation of control system study | Arkema Peroxides India Ltd., Cuddalore | 2011 | Completed |
| 17 | Maintenance audit of sugar mills at selected locations | EID Parry Limited Dare House, 234 NSC Bose Road Chennai 600001 | 2011 | Completed |
| 18 | Detailed engineering services for a PVC Rigid Foam - Kit Project for Wind Mill Turbines | DIAB Core Materials Pvt. Ltd. F46-47, 8th Main, 3rd Cr. SIPCOT Industrial Park, Tamilnadu, India | 2011 | Project dropped by Client after initial work |
| 19 | Residual Engineering, procurement assistance and construction support for manufacture of 10,000 MT of Methyl Ehtyl Ketone | Cetex Petrochemicals Limited, Manali Industrial Estate, Chennai, India | 2012 | Completed |
| 20 | Detailed engineering services for setting up of a grass root plant for manufacture of 10,000 MT of Iso Butyl Benzene | Shasun Chemicals and Pharmaceuticals Limited | | Project dropped due to Environmental reasons |
| 21 | Detailed engineering and project management for setting up of a new plant for the manufacture of MIBK | Cetex Petrochemicals Limited, Manali Industrial Estate, Chennai, India | 2013 | on HOLD |

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| 22 | Detailed Engg. - for new chemical storage buildings as per NFPA | Arkema Peroxides India Private Limited 1st Floor, Balmer Lawrie House, 628, Anna Salai, Teynampet Chennai 600 018 | 2014 | Completed |
| 23 | Detailed Engineering for Dilute product manufacturing Plant | Arkema Peroxides India Pvt. Ltd. | 2014 | Completed |
| 24 | Detailed engineering for expansion of Clay production - material handling equipment | English India Clay Limited, Trivandrum | 2014 | Completed |
| 25 | Detailed Engg. for Revamping of Brine Chilling Plant | Arkema Peroxides India Pvt Ltd. 1st Floor, Balmer Lawrie House, 628, Anna Salai, Teynampet Chennai 600 018 | 2014 | Completed |
| 27 | Feasibility study for relocating a Leather Chemical Plant | C&E Limited, Baddi, Himachal Pradesh | 2015 | Completed |
| 28 | Capacity assessment and engineering verification of effluent pipeline in Common Effluent treatment plant at Cuddalore SIPCOT | CUSECS Limited, Cuddalore | 2015 | Completed |
| 29 | Energy Audit - Electrical Systems and Thermal Systems | English India Clay Limited, Trivandrum | 2016 | Completed |

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| 30 | Corrosion Study on Off-gas compressor After cooler at Dolphin Energy, Qatar | BGR Energy, Chennai | 2016 | Completed |
| 31 | Design and detailing of Refractory lining of sulfur combustion chamber | Elof Hansson (India) Pvt. Ltd. 149, Chamiers Road R.A.Puram Chennai 600 028 | 2016 | Completed |
| 32 | Basic Engineering Package for manufacture of Aroma Chemicals in India | Mane SA, Switzerland | 2016 | Completed |
| 33 | Conceptualisation and specifications for Cold storage room for Organic Peroxides | Arkema Peroxides India Ltd., Cuddalore | 2016 | Completed |
| 34 | FEED Verification and Capex revalidation for Polyester Resin project | Arkema Chemicals India Ltd., Bombay | 2016 | Completed |
| 35 | Detailed Engineering for a new API manufacturing plant | Kumar Organic Products Ltd., Bangalore | 2016 | Completed |
| 36 | Detailed engineering and project management for setting up of a new plant for manufacture of Aroma Chemicals | Shimoga Life Sciences Pvt Ltd., Nayudupeta (Mane) | 2016 | Completed |

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| 37 | Capex Estimation and Detailed Engineering Services for Debottlenecking project of solid section production facility at Cuddalore | Arkema Peroxides India Ltd., Cuddalore | 2016 | Completed |
| 38 | FEED preparation for a Research Centre in India | Mane SA, Switzerland | 2017 | Completed |
| 39 | As-building, Dismantling support, Detailed engineering for relocation of a Hydrogen Peroxide Plant | Chemplast Sanmar Limited | 2017 | Completed |
| 40 | Detailed engineering for a specialty chemical plant | Confidential | 2017 | Completed |
| 41 | EPC for a High Vacuum Distillation Unit | Shimoga Life Sciences Pvt Ltd., (Mane) | 2017 | Completed |
| 42 | Feasibility study for a Multi purpose plant | Pure Chemicals Limited, Chennai | 2017 | Completed |
| 43 | FEED for a revamp of Natural extracts manufacutring plant | Kancor Ingredients, Kochi | 2017 | Completed |
| 44 | Detailed engineering for a scrubber design | Arkema Peroxides Ltd., Cuddalore | 2017 | Completed |
| 45 | Supply of list of Equipment-Ballvalve, compressor, HEs etc | Sena Mills, Colombo | 2017 | Completed |
| 46 | Amyl Project Study - Basic Engineering | Arkema Peroxides Ltd. Cuddalore | 2017 | Completed |
| 47 | Technical due diligence services on MGH labs for an investment opportunity | Ventureeast Trustee Company Pvt. LTd | 2018 | Completed |

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| 48 | Detailed engineering for a Multi product manufacturing facility including PMC | Pure Chemicals Limited, Chennai | 2018 | on HOLD |
| 49 | Technical Due Diligence for Iron Oxide plant | L&T Financial Services Limited, Mumbai | 2018 | Completed |
| 50 | Basic engineering for expansion of a specialty paint manufacturing project | Musashi Paints India Limited, Chennai | 2018 | Completed |
| 51 | Safety Study using CFD software for Domino effect on peroxide handling | Arkema peroxides, Cuddalore | 2018 | Completed |
| 52 | Detailed engineering for Utility revamp | Kancor Ingredients, Kochi | 2018 | Completed |
| 53 | Corrosion study on White Liquor storage tank | ITC, Bhadrachalam | 2018 | Completed |
| 54 | Basic engineering for Natural extract project | Kancor Ingredients, Kochi | 2019 | Completed |
| 55 | Pre-feasibility report for Petrochemical plant | Roshan Petrochemicals, Chennai | 2019 | Completed |
| 56 | Detailed engineering and PMC for Solid product expansion project | Shimoga Life Sciences (Mane), India | 2018 | Completed |
| 57 | Detailed engineering and PMC for API plant revamp | Alchymars ICM SM, Chennai | 2018 | Completed |
| 58 | Detailed engineering for Carbon Dioxide capture project | Carbon Clean Solutions (TISCO - End client) | 2018 | Completed |

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| 59 | Domino effect analysis using CFD techniques for a Peroxide manufacturing plant expansion | Arkema Peroxides India Ltd., Cuddalore | 2019 | Completed |
| 60 | Design, Supply and Installation fo Solar Roof Top Plant of 30 KW capacity | Arkema Peroxides India Ltd., Cuddalore | 2019 | Completed |
| 61 | Detailed engineering and PMC for a Pesticide expansion project | Tagros Chemicals India Ltd., Cuddalore | 2019 | Completed |
| 62 | Vent gas - Odour control system - Basic and detailed design | Chemplast Sanmar Limited, Mettur | 2019 | Completed |
| 63 | Detailed engineering for a Petrochemical Plant | Solara Actives Private Limited, Chennai | 2019 | Completed |
| 64 | Piping detailed design drawings for a Research centre | Aring Prodev Private Limited, Bangalore (Mane Group) | 2019 | Completed |
| 65 | Design, Supply and Installation fo Solar Roof Top Plant of 40 KW capacity | Aring Prodev Private Limited, Bangalore (Mane Group) | 2019 | Completed |
| 66 | Market Survey and Techno Economic Feasibility report for expansion of LAB | Tamilnadu PetroProducts Limited | 2019 | Completed |
| 67 | Detailed engineering for Hydrogenation and Spl reaction block | Malladi Drugs & Pharmaceuticals Ltd., Renigunta | 2020 | on HOLD |
| 68 | Front End engineering for a CO2 capture for Veolia CETP | EDAC Group | 2020 | Completed |

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| 69 | CFD analysis for Peroxide reaction condensed phase explosion | Arkema Group | 2020 | Completed |
| 70 | Detailed engineering for various plant expansion for Aroma chemicals | Arochema Ingredients P Ltd | 2020 | Completed |
| 71 | Site Master Plan and Front end engineering for a Green field project | Kancor Ingredients, Byadagi, Karnataka | 2020 | Completed |
| 72 | Brown field expansion work on infrastructure - Electrical, ETP etc | Alchymars ICM SM, Chennai | 2020 | Completed |
| 73 | Front end engineering for a C3 based Aroma chemical project | Arochema Ingredients P Ltd | 2020 | Completed |
| 74 | Basic and detailed engineering for a Clean room project - API plant | Kawman Pharma | 2020 | Completed |
| 75 | Fabrication drawings for a Waste Liquor storage tank | ITC, Bhadrachalam | 2020 | Completed |
| 76 | Common chemical unloading system | ITC, Bhadrachalam | 2020 | Completed |
| 77 | Technical Due Diligence on ProVentus Life sciences, Chennai | Apex Laboratories | 2021 | Completed |
| 78 | Detailed engineering for Solvicon Bed drying in Hydrogen peroxide plant | Chemplast Sanmar Ltd., Mettur | 2021 | Completed |
| 79 | Stress analysis for Effluent Lines | Chemplast Sanmar Ltd., Mettur | 2021 | Completed |

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| 80 | Basic & Detailed engineering for a Green field Pharma project at Ranipet | Sthree Chemicals (Division of Nuray Pharma) | 2021 | Ongoing |
| 81 | Basic and detailed engineering for a Pilot Plant | Tagros Chemicals India Ltd., Cuddalore | 2021 | on HOLD |
| 82 | Structural Design Engg. Work for R-VCM Condensers | Chemplast Sanmar Ltd., Cuddalore | 2021 | Completed |
| 83 | Detailed engineering for a Super Critical Fluid extraction plant | Mane Kancor Ingredients Ltd., Byadagi, Karnataka | 2021 | Ongoing |
| 84 | Basic and detailed engineering for a Green field Specialty chemical plant | Chemplast Sanmar Ltd., Berigai, Tamilnadu | 2021 | Ongoing |
| 85 | Basic and detailed engineering for a Pilot plant for API process development | Kawman Pharma, Cuddalore | 2021 | Awaiting Financial approval |
| 86 | Detailed engineering for Additional reactors, dryer and distillation systems | Arochema Ingredients P Ltd (Mane); Nayudupeta | 2022 | Completed |
| 87 | Conceptualisation of a new Industrial estate for Pharmaceutical Finished Dosage forms | SIDCO, Tamil Nadu (Through ITCOT) | 2022 | Completed |
| 88 | EPC - Design, supply, installation and commisioning of a Pilot Plant | Chemplast Sanmar Ltd., Berigai, Tamilnadu | 2022 | Completed |
| 89 | Design and detailed engineering for Cold room for Peroxide Storage | Chemplast Cuddalore Vinyls Ltd., Cuddalore | 2022 | Completed |

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| 90 | Process Optimisation and operations re-engineering study | Mallow International Pvt Ltd, Karur | 2022 | Ongoing |
| 91 | Conceptualisation of an Industrial estate and providing detailed layouts and Common facilities for the estate with Project budgets | ITCOT Limited (Deemed TN Govt Company) | 2022 | Completed |
| 92 | Line 1 & 2 Expansion and miscellaenous engineering projects | Arkema Peroxides Ltd, Cuddalore | 2022 | Completed |
| 93 | Debottlenecking of sec-Butyl Alcohol Plant to expand by 2000 TPA | Cetex Petrochemicals Limited, Manali Industrial Estate, Chennai, India | 2022 | Completed |
| 94 | Hot water system design for Pulp Plant | ITC Bhadrachalam | 2022 | Completed |
| 95 | Basic & Detailed engineering for Hydrogen recovery from Fumed Silica Plant | Cabot Sanmar Ltd, Mettur | 2022 | Ongoing |
| 96 | Technical Analysis on Nagarjuna Fertiliser Catalyst Failure - Insurance Claim | Mehta & Padamsey Surveyors Ltd | 2022 | Completed |
| 97 | Front End engineering design for Lithium Ion Battery recycling Project | Ecosible recyclers Pvt Ltd | 2022 | Completed |
| 98 | Structural Stability Study | Ola electric technologies Ltd | 2022 | Completed |
| 99 | Feasibility study for Calcium chloride recovery from Process waste streams | Pioneer Jellice Pvt Ltd | 2022 | Completed |
| 100 | Detailed engineering for New Hydrogen Peroxide Storage tanks (500 KL) | CSL, Mettur - Plant IV | 2022 | Completed |

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| 101 | Detailed engineering for a new flash and fractional distillation plant | Arochema Ingredients Ltd., Nayudupeta | 2023 | Ongoing |
| 102 | Detailed engineering for Phase 1A of MPP Project | Chemplast Sanmar Limited, Berigia | 2023 | Ongoing |
| 103 | Feasibility study for a Spray Dried Project | Scope Ingredients Pvt Ltd | 2023 | Ongoing |