

TECHNOLOGY EXCHANGE AND COORDINATION PVT. LTD.

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PHARMACEUTICAL INDUSTRIAL PROJECTS

PROFILE

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Pharmaceutical Industrial Projects



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Amino Acid **10,000 T/Y** Lysine, Threonine, Tryptophan, Methionine

- Used in cosmetics for promoting skin health.
- Used as nutritional supplements, etc.



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Crystalline Glucose **60,000 T/Y**

- Used in cosmetic products as a humectant and for flavor.
- Used as excipient and in oral formulations as sweetener.



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Dextrin **5000 T/Y**

- Used as binder or thickening agent in cosmetic formulations.
- Used as an excipient and a nutrient source.



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Erythritol **2000 T/Y**

- Used as a reference standard, excipient, and sweetener.
- Used as a humectant in cosmetics.



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Enzymes Cellulase, Protease

10,000 T/Y

- Used in cosmetic formulations for exfoliation, etc.
- Used in digestive aids and wound care products.



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Ethanol 40,000 T/Y or 60,000 T/Y

- Used as a solvent in cosmetic products, like perfumes, etc.
- Used as a solvent and preservative.



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Fructose Syrup

60,000 T/Y

- Used as a sweetening agent in oral pharma suspensions.
- Used in cosmetic products for sweetness and as humectant.



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Isomalto-Oligosaccharide 5000 T/Y

- Used as a prebiotic or non-digestible dietary fiber.
- Used as a low-calorie sweetener.



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Lactic Acid

- Used in skincare products for exfoliation and as pH adjuster.
- Used in topical formulations and oral solutions.

10,000 T/Y



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Maltodextrin

- Functions as a binding agent in cosmetic powders.
- Used in pharmaceuticals as a filler or binder in tablets.

30,000 T/Y



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Mannitol

- Used as a bulking agent and humectant in cosmetic formulations.
- Used in oral dosage forms.

10,000 T/Y



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Medical Starch

- Used as a binder, disintegrant, or filler in pharmaceutical tablets.
- Functions as a thickening agent in cosmetic formulations.

30,000 T/Y



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Modified Starch 10,000 T/Y

- Acts as a thickening agent and stabilizer in cosmetics.
- Used for binding, disintegrating, and lubricating properties.



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Probiotics

10,000 T/Y

- Used in skincare products for maintaining skin health.
- Used in pharmaceuticals to promote gut health.



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Sodium Gluconate 30,000 T/Y

- Acts as a chelating agent in cosmetics.
- Used for its buffering and stabilizing properties.



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Sorbitol

10,000 T/Y or 20,000 T/Y

- Used as a humectant and thickening agent in cosmetics.
- Used in sugar-free liquid preparations and as a stabilizer for drugs, vitamins, and antacid suspensions.



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Vitamin C or Ascorbic Acid 10,000 T/Y

- Used for its antioxidant properties as a nutritional supplement and for the treatment of scurvy.



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Xylitol 5000 T/Y or 10,000 T/Y

- Used as a humectant in cosmetics.
- Used as an excipient and sweetener in oral care products.



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"As per Chinese R&D institutes, the future lies in establishing Maize & Sugarcane based industrial projects, eco-industrial parks, or SEZs."

We work for setting up new industries, industrial parks (SEZ) and are considered the *highest-performing industrial consultancy in the country.*

TEC has set up Rs. Billion plus investment; Olympia Soda ash, Premier Ethanol, and H₂O₂, etc. 23 projects. Punjab has had only these mega greenfield chemical plants for the last 30 years.

TEC offers the following services:

- 1. Project Identification + Technical Feasibility Studies + Preparing the equipment and know-how package for setting up new industry + Arranging Transfer of Technology.**
- 2. Organizing and managing a consortium of equipment manufacturers, R&D institutes, and EPC companies to ensure economic viability and transparency.**
- 3. Organizing the maximum possible local Fabrication of the Equipment by managing technical know-how and experts.**
- 4. Providing supervision and coordination during project implementation.**
- 5. Training services.**
- 6. Market research and studies.**
- 7. Exploring potential joint venture partnerships in the international market.**

 **Learn More: <https://www.punjabindustry.biz/>**

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 **Location: Plot # 6 & 7, Sundar Industrial Estate,
Lahore**



PROSPECTIVE PROJECTS

- Maize value addition (bio product) SEZ
- Sugar cane juice and Molasses based bio product SEZ
- Distillery vinasse-based bio fertilizer



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SERVICES OFFERED

- Pre-Feasibility Study
- Sourcing Manufacturers in China
- Blending high tech from west
- Project execution
- Local fabrication
- Installation, Commissioning and trial run
- Applying Engineering & China knowledge for economy, reliability and efficiency

SERVICES OFFERED

- Section wise analysis at nut, bolt level for deciding local fabrication or importing from China, developed countries
- Keeping the central control of project with investor. Replacing trade house.
- Forming & managing the consortium of R&D institute, manufacturer, construction company in China for execution.

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TEC PVT. LTD.

**"Transforming
Industries through
Innovative Engineering
Solutions"**

