Suraj Fertilizer Industries (Private) Limited (SFIL) has established the largest and state of the art project in Pakistan for manufacturing powder and granulated Single Super Phosphate (SSP) Fertilizer and Sulphuric Acid at Harappa, Sahiwal. The project is spread over 55 acres of land and has immense importance for national agriculture and economy. In one leap, it has doubled the production capacity of SSP Fertilizer installed in the country and has revolutionized the SSP manufacturing process by introducing the most modern technology and equipment.

**SPECIAL FEATURES**
- State of the art machinery imported from United States, United Kingdom, France, Sweden, Italy and China
- Project designed and erected under the supervision of internationally renowned experts
- Installation of the most modern Sulphuric Acid plant for in house production of fertilizer raw material
- Automated control system to ensure uniform quality of SSP Fertilizer and Sulphuric Acid
- Water treatment plants for supply of process water free from all impurities
- Power plant with 3 MW generation capacity
- Dedicated railway siding for speedy transportation of raw materials and SSP Fertilizer
SULPHURIC ACID PLANT

Largest plant in Pakistan
Capacity: 220 M. Tons daily / 75,000 M. Tons annually
Concentration: 98% Minimum

- Double Contact Double Absorption (DCDA) technology
- Special stainless steel production line to prevent metallic contamination
- Addition of purified process water to obtain the best quality of Sulphuric Acid
- Fully computerized Distributed Control System (DCS) to maintain uniform product standard

Factory: 4/10 L Harappa, Sahiwal  Ph: (040) 531 5192-6  Fax: (040) 531 5400
Head Office: 40 A Lawrence Road, Lahore Ph: (042) 111 777 123  Fax: (042) 636 2054-5
Email: info@surajfertilizer.com
SINGLE SUPER PHOSPHATE FERTILIZER PLANTS
(POWDER AND GRANULATION)

- Largest plants in Pakistan
- Capacity: 500 M. Tons daily / 150,000 M. Tons annually
- Use of world’s best grinding technology from the UK to process imported phosphate rock for optimum recovery of P₂O₅ nutrient
- Automated ratio control system for blending and reaction of various raw materials to ensure consistent product quality
- Latest dust control and screening system to separate fine powder from granules

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WATER TREATMENT PLANTS
- Reverse Osmosis technology
- Capacity 40,000 Litres per hour
- Removal of dissolved solids and other impurities

PACKING PLANT
- Capacity: 500 M. Tons / 10,000 bags daily
- Bag weight: 50 KG
- Fully automatic weighing system
- Polythene lined bag to prevent moisture absorption and adulteration

LATEST LABORATORY
- Equipped with latest instruments
- Implementation of elaborate sampling and testing system for quality control under the supervision of qualified experts
- Regular interaction between the laboratory and production staff for feedback on quality
- Research and development for improving fertilizer/acid quality and for formulation of new products
- Quality checking and clearance of raw materials
- Monitoring of plant emissions and effluents

POWER GENERATION PLANT
- Capacity up to 3 MW
- Uninterrupted power supply throughout the year guarantees optimum production of SSP Fertilizer and Sulphuric Acid
- Steam generation through heat recovery process

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- Bag weight: 50 KG
- Fully automatic weighing system
- Polythene lined bag to prevent moisture absorption and adulteration
ENVIRONMENTAL PROTECTION

- Most modern scrubbing units and treatment facilities at all plants to control and neutralize emissions of pollutants
- NOC from Environmental Protection Agency Punjab after meeting rigorous requirements
- Ongoing plantation drive. More than 4000 trees planted
- Generation of electricity from heat recovery to minimize CO₂ (Carbon dioxide) emissions into the environment

INFRASTRUCTURE

- Dedicated railway siding for timely and convenient handling of all incoming / outgoing products
- Exclusive SNGPL Gas Pipe Line for the project
- Housing colony
- 120 Tons Weighbridge