

TECHNOLOGY REQUESTS

CHINA

DETC and DMPAT purification technology

(Ref: APC-0691-TRE)

A Chinese company is interested in the purification technology of DETC (98%) and DMPAT (93%). The purified products must meet international standards, both in respect of content of DETC and DMPAT and their impurities.

Areas of application

Chemical industry

Transfer forms

Know-how; and Equipment.

producing lint linings. The lint linings must be highly wear-resistant and be able to withstand (resist) a temperature of 150°C. The company has used a particular kind of asbestos material, and also sometimes a kind of polyurethane material, but has not got very good results. It is therefore seeking technology for lint lining materials.

Areas of application

Automobile industry; Machinery industry; and Materials.

Transfer forms

Know-how; and Equipment.

ISLAMIC REPUBLIC OF IRAN

Wheels and shafts of train cars

(Ref: APC-0693-TRE)

An Iranian company wishes to set up a plant for manufacturing wheels and shafts of train cars as per the following specifications:

- a) Wheels diameter: 600 to 1200 mm; b) Car speed: up to 200 km/h; c) Type of production: forging; d) Capacity: according to the manufacturer/technology seller's suggestion and economic viability.

Areas of application

Machinery industry and Transport.

Transfer forms

Know-how; Equipment; and Turnkey plant.

ISLAMIC REPUBLIC OF IRAN

Welding and spiral pipe

(Ref: APC-0694-TRE)

An Iranian company is seeking production line for welding and spiral pipes with the following specifications:

- a) Diameter: up to 3000 mm
- b) Thickness: up to 16 mm
- c) Capacity: according to the technology seller' suggestion and economic viability.

Areas of application

Machinery industry and Equipment.

Transfer forms

Know-how; Equipment; and Turnkey plant.

ISLAMIC REPUBLIC OF IRAN

Lint linings for brake clutches

(Ref: APC-0692-TRE)

An Iranian company is engaged in the manufacture of brake clutches for motors. The company is facing some problems in

ISLAMIC REPUBLIC OF IRAN

Aluminium car spare parts

(Ref: APC-0695-TRE)

Iranian company, engaged in manufacture of car spare parts, wishes to produce some of Aluminum car spare parts by forging. Specifications of one of the important parts that it is going to produce are:

Weight: 1500 gr, Production capacity: 350 T/Year, Raw material: Aluminum bar series 6000.

Areas of application

Metalworking industry and Automobile industry.

Transfer forms

Know-how; Equipment; and Turnkey plant.

SAUDI ARABIA

Methyl amines, dimethyl formamide and other products

(Ref: APC-0687-TRE)

A Saudi Arabia-based company is engaged in the production of more than 300,000 MTPY of various formaldehyde and downstream products for the last 14 years.

According to the company, it now wants to implement backward integration/forward expansion projects to use the low priced natural gas available to industries in Saudi Arabia so as to insulate it from vagaries of wildly fluctuating and unpredictable raw material prices.

The projects under active considerations are:

- Methanol/carbon monoxide co-production unit;
- Methyl amines/Di methyl formamide plants;
- Dimethyl carbonate plants;
- Polyhydric alcohols (Penta, TMP, NPG) plants;
- Formaldehyde expansion plants; and
- Acetaldehyde plant.

The company is looking for a partner for establishing MA/DMF business. Its role shall be that of the manufacturer, using most competitive raw materials/utilities available in-house/in Saudi Arabia and the envisaged role of the partner will be to make available licence/know-how, and basic engineering for engineering, procuring, building methylamines/Di-methyl formamide plants. It is open to the idea of marketing the products (partly or fully) through a partner if the partner so desires.

Areas of application

Chemical industry

Production capacity

50,000 MTPY of methylamines (MA) and 60,000 MTPY of Di-methyl formamide (DMF).

Transfer forms

Know-how;
Equipment;
Turnkey plant;
Joint venture;
Marketing assistance;
Engineering; and
Licencing.

THAILAND-INDIA

Natural indigo dye extraction

(Ref: APC-0688-TRE)

Entrepreneurs, currently based in Thailand and associated with specialty yarn manufacturing, plan to start a small-scale unit for natural indigo dye extraction in Tamil Nadu, in South India initially, establish the quality requirements and then proceed on mass-scale production.

Areas of application

Chemical industry and Agr-iproduct processing.

Market information

As per information available to the entrepreneurs, synthetic indigo is currently sold at INR 25/kg.

Transfer forms

Know-how; Equipment; and Turnkey plant.

PHILIPPINES

Activated carbon from coconut shells

(Ref: APC-0689-TRE)

A Philippines-based technology and development enterprise is seeking technology for the manufacture of activated carbon. The enterprise requires that the cost of the technology should cover essentially those of major equipment supply as well as start-up engineering and training of the operators for the plant operation.

Areas of application

Chemical industry and agri-product processing.

Production capacity

650 mtpa

Transfer forms

Know-how;
Equipment;
Training;
Engineering; and Start-up assistance.