



THAI PARKERIZING CO., LTD.



www.thaiparker.co.th

THAI PARKERIZING CO., LTD.

Thai Parkerizing is a leader in surface treatment and heat treatment industry. We focus in best quality and technology development to utilize our products and services to fulfill our customer satisfaction.

THAI PARKERIZING

We provide variety of products and services to apply on each metal surface such as iron and steel, gavanized steel, aluminum i.e. Our products are applied to many customer processes since metal upstream toward OEM (Original Equipment Manufacturer) finish goods.



CHEMICAL PRODUCTS

Conversion coating chemicals

- » Zinc phosphate
- » Zinc calcium phosphate
- » Manganese phosphate
- » Metal oxide
- » Trivalent chromium
- » Non-chromium
- » Stearate soap lubricant
- » Dry-in-place lubricant (PULS)

Rust preventive products

- » Solvent base type
- » Wax basetype
- » Water base type
- » PIPAK (Volatile Corrosion Inhibitor Film)



Rolling oil

Coolant for cold rolled steel process

- » Lubricity
- » High rolling speed



Other treatment products

- » Degreasing and cleaning chemicals
- » Hydrophilic coating on evaporator
- » Coil coating on galvanized steel
- » Short-term rust preventive chemicals
- » Paint remover





THAI PARKERIZING

Solar cell



THAI PARKERIZING

Auto rack



THAI PARKERIZING

Container lifting robot



THAI PARKERIZING

Automatic production system

TREATMENT SERVICES

Surface treatment



THAI PARKERIZING

Phosphate treatment

- » Zinc phosphate
- » Manganese phosphate
- » Trivalent chromium
- » Stearate soap lubricant



THAI PARKERIZING

Pallube treatment

(Solid lubrication treatment)

- » Molybdenum disulfide
- » Polytetrafluoroethylene (PTFE)



THAI PARKERIZING

Kanigen®

(Electroless Nickel plating)

- » Ni-P alloy coating
- » Ni-P-B alloy coating
- » Ni coating with PTFE
- » Ni-Co-W-P alloy coating



THAI PARKERIZING

DELTA-MKS®

- » Zinc aluminium flakes
- » Small coating thickness
- » By dip spin basket or hanger
- » No hydrogen embrittlement
- » Cathodic corrosion protection



THAI PARKERIZING

Hydrophilic coating

- » Coating on aluminium for evaporator and condenser

Heat treatment



THAI PARKERIZING

Gas heat treatment

- » Gas carburizing
- » Gas carbonitriding
- » Gas soft nitriding
- » Quenching and tempering



THAI PARKERIZING

ISONITE®

(Salt Bath Soft Nitriding)

- » Quench-Polish-Quench
- » Surface hardness/Wear resistance
- » Corrosion resistance



Shot peening

- » Fatigue strength
- » Modify metal surface



THAI PARKERIZING

PVD

(Physical Vapor Deposition)

- » TiN
- » TiAlN
- » TiCN
- » CrN
- » DLC (Diamond Like Carbon)

LABORATORY SERVICES

Chemical analysis

- » Organic and inorganic analysis
- » Qualitative and quantitative analysis

Surface and metallurgical analysis

- » Microstructure and chemical composition
- » Mapping and depth profile analysis
- » Wear and friction test
- » Corrosion test and paint evaluation

Environment analysis

- » Hazardous substance analysis
- » Waste water analysis

Zinc phosphate standard panel

- » Verify corrosion and paint evaluation



THAI PARKERIZING



THAI PARKERIZING



THAI PARKERIZING



THAI PARKERIZING



THAI PARKERIZING

CHEMICAL PRODUCTS & SERVICE

HEAT & SURFACE TREATMENT SERVICES

THAI PARKER TECHNOLOGY CENTER

HEAD OFFICE

THAI PARKER TECHNOLOGY CENTER HEAT & SURFACE TREATMENT FACTORY

570 Moo 4, Bangpoo Industrial Estate,
Soi 12B, Sukhumvit Rd., Prakasa,
Muang, Samutprakarn 10280
Tel. 0-2324-6600 Fax. 0-2324-6651

CHEMICAL FACTORY

619 Moo 4, Bangpoo Industrial Estate,
Soi 8A, Sukhumvit Rd., Prakasa,
Muang, Samutprakarn 10280
Tel. 0-2324-6600 Fax. 0-2324-6651

HEAT & SURFACE TREATMENT FACTORY

500/19 Moo 3,
WHA Eastern Seaboard Industrial Estate 1,
Tasit, Pluak Daeng, Rayong 21140
Tel. 0-3365-8800 Fax. 0-3365-8883

HEAT TREATMENT FACTORY

188 Moo 7, Gateway City Industrial Estate,
Hua-Samrong Sub District,
Plaeng Yao District, Chachoengsao 24190
Tel. 0-3857-5187-9 Fax. 0-3857-5190