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 base type
- 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

Company Profile

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QUALITY YOU CAN TRUST

TREATMENT SERVICES

Surface treatment

- Phosphate treatment (Zinc phosphate, Manganese phosphate, Trivalent chromium, Stearate soap lubricant)
- Pallube treatment (Solid lubrication treatment: Molybdenum disulphide, Polytetrafluoroethylene (PTFE))
- Kanigen® (Electroless Nickel plating: Ni-P alloy coating, Ni-P-B alloy coating, Ni coating with PTFE, Ni-Co-W-P alloy coating)
- DELTA-MKS® (Electroless Nickel plating: Zinc aluminium flakes, Small coating thickness, By dip spin basket or hanger, No hydrogen embrittlement, Cathodic corrosion protection)

Heat treatment

- Gas heat treatment (Gas carburizing, Gas carbonitriding, Gas soft nitriding, Quenching and tempering)
- ISONITE® (Salt Bath Soft Nitriding: Quench-Polish-Quench, Surface hardness/Wear resistance, Corrosion resistance)
- Shot peening (Fatigue strength, Modify metal surface)
- PVD (Physical Vapor Deposition: TiN, TiAlN, TiCN, CrN, DLC (Diamond Like Carbon))

LABORATORY SERVICES

- Chemical analysis (Organic and inorganic analysis, Qualitative and quantitative analysis)
- Environment analysis (Hazardous substance analysis, Waste water analysis)
- Surface and metallurgical analysis (Microstructure and chemical composition, Mapping and depth profile analysis, Wear and friction test, Corrosion test and paint evaluation)
- Zinc phosphate standard panel (Verify corrosion and paint evaluation)