

DESIGN & BUILD, EPCC



- Palm Food Emulsifiers
- Spray Cooling
- Biogas Purification
- Reactors & Chemical Processes
- Palm Biodiesel, Palm Phytonutrients
- Waste Oil /Solvent Recovery & Purification
- Industrial Autoclave / Retorte
- Essential Oils, Herbal, Food Extraction
- Customised Process Plants
- EPCC, Pilot Plants

* BIO GAS PURIFICATION



- Biogas deodorising & purification
- Biogas recompression



* CO-GEN POWER PLANTS



- 2-12 MW Biomass-Based Power Plant
- Engcecol Steam Turbine
- Upgrade single stage to multi stage
- Service & maintenance of turbines
- Steam condensing system
- Heat reclaimed steam generator
- OEM steam turbine spare parts



EPCC Co-Gen Power Plant

- Gas Turbine
- Gas Engines
- Biogas Engines
- Gasifying

FACTORIES / QUALIFICATIONS / SOFTWARE



- Factories working area: 9,400m²
- Workshop capacity: 400 tanks or approximately 2,000 equivalent ton per year.



ASME 'U', 'H', 'S' & National Board 'R' Stamp Holder.
DOSH Malaysia Pressure Vessel & Boiler ; Licensed Gas Piping Contractor.
ISO 9001 : 2015 . MOF & CIDB G7



Our Agent:

North America Region:

Instrumentum Group
1801-1 Yonge Street,
Toronto, ON,
M5E 1W7
Tel: 1 (416) 214-7832, 1 (365) 608-4541
Email: sales@instrumentumgroup.com
danpar@instrumentumgroup.com
www.instrumentumgroup.com

Markham Branch:

Instrumentum Group
800 Denison St Markham,
ON L3R 5M9
Phone: 1-905-475-2483
Email: sales@instrumentumgroup.com
shahzad@instrumentumgroup.com

Asia Pacific Region:

Instrumentum Group
41A Bedok Ria Crescent
04-40 Stratford Court
Singapore 489929
Phone: +65 66525843
Fax: + 65 63236062
Email: sales@instrumentumgroup.com
singapore@instrumentumgroup.com
www.instrumentumgroup.com

Middle East Region:

Best Sourcing Solutions LLC (Instrumentum Group)
Sharjah Media City, SHAMS United Arab Emirates
sales@instrumentumgroup.com bss@instrumentumgroup.com
www.instrumentumgroup.com

Asia Region:

ES Concern (Instrumentum Group's Partner) 419, 4th Floor, Mashriq Center, Sir Shah Suleman Road, Block-14, Gulshan-e-Iqbal, Karachi.
sales@instrumentumgroup.com
esc@instrumentumgroup.com
www.instrumentumgroup.com



ENGINEERED SOLUTIONS PROVIDER



Heat Exchangers



Pressure Vessels



Design & Built Plants



Boilers & Heaters



Spray Cooling Plant, Dryers



Co-Gen, Power Plants

TECHNOLOGY PARTNERS 



HEAT EXCHANGERS

- ❖ Shell and Tube Heat Exchangers
- ❖ Air Cooled Heat Exchanger
- ❖ Finned Tubes/ Fin Plate Cooler / Heater
- ❖ Spiral Heat Exchangers
- ❖ Pillow Plate Heat Exchangers



ECONOMISERS

Energy Saving / Heat Reclaimed System

- ❖ Oil to Oil Economiser
 - ❖ Air to Liquid /Air Economiser
 - ❖ Waste Heat Steam Generator
- Options of Fin tube/Heat Pipe/ Pillow Block / Welded Plate



DRYERS

- Paddle Dryer
- Rotary Drum Dryer
- Low Temperature Dryer
- Mesh Belt Dryer
- Spray Dryer
- Fluidised Bed Dryer



Waste Heat. Natural Gas. Steam. Hot Oil. Heat Pump

BOILERS, OIL HEATERS, HOT WATER

- ❖ Clean Steam Generator
- ❖ Thermal Oil Heaters
- ❖ Steam Boilers
- ❖ Electric Steam Boiler & Heaters
- ❖ Heat Reclaimed Steam Generator (HRSG)
- ❖ Hot Water Boiler
- ❖ High Pressure Hot Water System
- ❖ Imported High Pressure Boilers for Power Plant



POWDER

- ❖ Spray Coolers & Spray Dryer
- ❖ Fluidizer Beds
- ❖ Customised Air Disperser Unit
- ❖ Food Grade Bag Filters
- ❖ Patented Spray Lance from Japan



PRESSURE VESSELS

- ❖ Reactors, Distillation Columns
- ❖ Fermenters
- ❖ Sanitary Tanks
- ❖ Deaerator
- ❖ AWFE, ATFE, SPD (Short Path Distillators)
- ❖ Multiple Effects Evaporators
- ❖ Calorifier
- ❖ Pressure Filters & DI Column
- ❖ Ammonia Vessel



FIELDWORKS

- ❖ Hydraulic Jacking Tank Farm
- ❖ Piping : Gas / Utilities /Process / Skids
- ❖ Repair , Replacement, Cleaning
- ❖ DOSH & DOE Applications

