

Key words

A

Abrasion resistance
 Acetaldehyde plants
 Acetic acid fermentation plants
 Acetone plants
 Activated carbon plants (granular)
 Actuators
 Air pollution control
 – Flue gas desulfurization plants
 – Scrubbers for flue gas
 Antifoams
 Assembling works
 Autoclaves

B

Bag emptying machines
 Bagasse depithing installations
 Bagasse utilization plants
 Beet cleaning machines (field)
 Beet diffusers
 – Cossette scalders
 Beet harvesting machines
 Beet leaf processing plants
 – Beet leaf washers
 – Choppers for beet leaves
 Beet pulp processing installations
 – Fine pulp presses
 – Fine pulp separators
 – Pulp press water treatment
 – Pulp presses
 Beet reception systems
 Beet samplers
 – Beet brei saws
 Beet soil treatment
 – Beet soil composting
 – Beet soil dewatering
 Beet sowing machines
 Beet sugar factories, design/erec-
 tion
 Beet tail processing plants
 – Beet tail catchers
 – Beet tail choppers
 – Beet tail washers
 Beet unloading, storage and
 reclaiming
 – Beet bins
 – Beet fluming equipment
 – Dirt and trash separators
 – Movable beet tipping and piling
 plants
 – Reclaimers for beet
 – Spray nozzles
 – Stationary dry unloading plants
 – Wet unloading plants
 Beet washers
 – Jet-type washers
 – Water separators
 Bend screens
 Biodiesel installations
 – Biodiesel purification plants
 – Methanol recovery
 – Transesterification reactors
 Biogas plants
 – BLEIBT
 Bone char
 Bulk material aggregates
 – Line diverters for bulk material
 – Rotary valves
 – Shut-off valves for bulk materials

C

CAD-CAP-CIM-PPS-systems
 Candy sugar plants
 Cane harvesters
 Cane loaders
 Cane samplers
 Cane sugar factories, design/erec-
 tion
 Cane transport equipment
 Cane unloading installations
 – Tipping equipments for cane
 trucks
 Cane washing equipment
 – Cane washing equipment drives
 Centre infeed rotary screens
 Centrifugal accessories
 Centrifugal drives
 Centrifugals for fructose
 Centrifugals for glucose (dextrose)
 Centrifugals for starch production
 – Decanter
 – Disc centrifugals (separators)
 – Ploughing centrifugals
 – Screening centrifugals
 Centrifugals for sugar
 – Continuous centrifugals
 – Discontinuous centrifugals
 – Mixers (Centrifugals)
 Centrifugals, steam sterilizable
 Chemicals for beet growing
 – Fungicides (beet)
 – Herbicides (beet)
 – Insecticides (beet)
 Chemicals for operation
 Chemicals for sugar cane growing
 – Cane ripeners
 – Fungicides (cane growing)
 – Herbicides (cane growing)
 Chimney constructions
 Chromatography equipment
 Citric acid plants
 Clack valves
 Clarifiers
 – Flocculation aids
 Cleaning aids
 Cogeneration plants
 Condensers for vapours
 Consultancy services
 Containers
 – Bunkers
 – Tanks
 – Tanks for stirrers
 Controllers
 – Analog controllers
 – Digital controllers
 – Two and three position controllers
 Conveyor plant accessories
 – Belt conveyor pulleys
 – Belt drums
 – Belts
 – Chain wheels
 – Chains
 – Elevator buckets
 – Precision driving chains
 – Worms
 Conveyor plants
 – Belt conveyors
 – Cranes and lifting equipment
 – Elevators
 – Lifting wheels

– Package conveyors
 – Paletting machines
 – Pneumatic conveyors
 – Rake conveyors
 – Tipper cars
 – Tractors and trucks
 – Trough chain conveyors
 – Vibratory conveyors
 – Worm conveyors
 Cooling plants
 – Cooling towers
 – Molasses coolers
 – Pulp cooling plants
 – Sugar cooling plants
 Corrosion inhibitors
 Crystallization aids
 Crystallizers for dextrose/glucose
 Crystallizers for fructose
 Crystallizers for sugar
 – Batch vacuum pans
 – Continuous vacuum pans
 – Cooling crystallizers
 – Seed magma installations
 Cube sugar plants
 – Plants for press cubes

D

Degerming mills
 Denaturing agents for Ethanol
 Descaling equipments
 Dewatering presses
 Dextrin plants
 Dosing units
 Dried pulp pelleting presses
 – Pellets silos
 Dried pulp storage
 Drives
 Drying plants
 – Bagasse driers
 – Beet leaf driers
 – Corn gluten feed driers
 – DDGS driers
 – Drying kilns
 – Germ driers
 – Glucose (Dextrose) driers
 – Gluten driers
 – Pulp driers
 – Slops drier
 – Starch driers/starch derivates
 – Sugar driers
 Dust collection plants
 – Dry dust separators
 – Wet dust collectors

E

Electrical equipment
 – Electric motors
 – Frequency changers
 – Switch gears
 Electronic controlling equipment
 Engineering
 Entrainment separators
 Enzymes
 Ethanol plants
 Ethanol fermentation plants
 – CO2 Recovery (fermentation)
 – Continuous fermentation plants
 – Dehydration plants
 – Design and erection
 – Distillation plants

– Yeast separation plants
 Ethyl acetate plants
 Evaporators
 – Falling film evaporators
 – Plate evaporators
 Explosion protection plants
 Extraction plants for cane
 – Cane conveyor drives
 – Cane conveyors
 – Cane diffusers
 – Cane feeder tables
 – Cane mill accessories
 – Cane mill hydraulics
 – Cane mills
 – Cane preparation plants
 – Crushers
 – Knives
 – Mill drives
 – Mill gears
 – Mill roll bearings
 – Mill rolls
 – Shredders
 Extraction plants for chicoree

F

Fans
 Fermenters
 Filter accessories
 – Filter candles
 – Filter cartridges
 – Filter frames
 – Filter plates
 Filter aids
 Filtering fabrics
 – Filter bags
 – Filter cloths
 – Filter hoses
 – Filter pockets
 Filters
 – Bag filters
 – Belt filter presses
 – Candle filters
 – Cartridge filters
 – Cell-less drum filters
 – Cell-type drum filters
 – Chamber filter presses
 – Diaphragm filter presses
 – Disc filters
 – Filter thickeners
 – Filters for sterile air
 – Frame filter presses
 – Frame filters
 – Plate filters
 – Rotorfilters
 – Sterilizing filters
 Firing equipment
 – Firing systems
 Fittings, mountings, valves
 – Stainless steel fittings
 Flotation equipment
 Fructose installations

G

Gas washers
 Gears
 Gluconic acid plants
 Glucose syrup refining installations

- H**
 Heaters
 – Heat exchangers
 – Heat recovery installations
 – Preheaters
 HFCS plants
 Hydrocyclones
- I**
 Indicators and recording instruments
 Industrial and heating power plants
 Information systems
 Inhibitors
 Insulations, installers
 Ion exchange plants
 – Decolorization
 – Deliming
 – Demineralization
 – Softening
 Ion exchange resins
 – Decolorizing resins
 Irrigation equipment
- J**
 Jet extractors
 Jet refiners
 Jointings
 – Flat jointings
 – Mechanical seals
 – Stuffingbox packings
 Juice purification plants for beet
 Juice purification plants for sugar cane
- L**
 Laboratory equipment
 – Analysis automation
 – Automatic dilution and dosage systems
 – Beet brei analyzers
 – Beet sampling washers
 – Colour type measuring instruments
 – Fk-meters
 – Gas chromatography apparatus
 – HPLC-apparatus and analyzers
 – Laboratory scales
 – Laboratory sieves
 – NIR analyzers
 – Photometers
 – Polarimeters
 – Refractometers
 – Titrators
 – Viscometers
 Lactic acid plants
 Leaf catchers
 Lime milk preparation
 – Carbon dioxide washers
 – Classifiers
 – Lime slaking plants
 Limestone preparation plants
 Liquid sugar plants
 Lubricating agents
- M**
 Magnets (Separators)
 Maintenance
 Malto-dextrin and glucose plants
 Management consulting
 Mannitol plants
 Measuring amplifiers
 Measuring and process control systems
 – for beet conveyors
 – for cane mills
 – for centrifugals
 – for diffusers
 – for distillation plants
 – for drying plants
 – for electric power generating plants
 – for evaporators
 – for fermenters
 – for juice purification plants
 – for liquid sugar plants
 – for starch factories
 – for starch saccharification plants
 – for steam boilers
 – for vacuum pans
 – for waste water control
 – Operational data recording
 – Pneumatic installations
 Measuring devices
 – Dust monitors
 – for alkalinity
 – for conductivity
 – for density
 – for flow measurement
 – for humidity
 – for level measurement
 – for pressure
 – for speed
 – for stack gases
 – for sugar colour
 – for temperature
 – for turbidity
 – for waste water
 – for weight
 – Measuring electrodes
 – pH-electrodes
 – pH-meters
 – Pneumatic regulating valves
 – Process automation
 – Process colorimeters
 – Process polarimeters
 – Process refractometers
 – Process viscometers, rheometers
 Measuring transducers
 Membrane filter installations
 Membranes
 Metal detectors
 Mixers, industrial
 – Stirrers
 Molasses utilization plants
 – Desugarizing plants
 – Mixing plants for molasses and dried beet pulp
 Molecular sieve dehydration installations
- N**
 NIR process analyzers
 Noise insulation
 Nozzles
- O**
 Oil expeller presses
- P**
 Packing machines
 – Bagging and filling machines
 – Collective packing machines
 – Packaging machines
 – Sealing machines
 Paletting installations
 Pervaporation plants
 Phosphatation plants
 Plant construction
 Potato discharging equipment
 Potato fluming equipment
 Potato rasps
 Pressed pulp conservation
 Presses for corn germs
 Presses for corn gluten feed
 Process computers
 Pumps and compressors
 – Centrifugal pumps
 – Diaphragm pumps
 – Dosing pumps
 – Eccentric screw pumps
 – Jet pumps
 – Liquid ring pumps
 – Peristaltic pumps
 – Rotary abutment pumps
 – Rotary piston compressors
 – Rotary pumps
 – Screw pumps
 – Special constructions
 – Vacuum pumps
 – Vapour compressors
- R**
 Rectification plants
 Refineries, design/erection
 Reinforced concrete constructions
 Rubber materials
- S**
 Sampler
 Screening machines
 Screening materials
 – Drilled plates
 – Perforated sheets
 – Screening fabrics
 – Sieve gratings
 – Slotted screens
 Second-hand equipment
 Separation plants for fructose/dextrose
 Separators
 Sheet metal
 Sight glasses
 Slicers
 – Beet knife preparation equipment
 – Beet knives
 – Equipment for fully automatic knife-box exchange
 – Knife boxes
- Slop utilization plants
 Sorbitol plants
 Starch factories, design/erection
 Starch saccharification plants
 – Acid-catalyzed starch saccharification plants
 – Enzymatic saccharification plants
 Steam boilers
 – Bagasse furnaces
 – Boiler cleaning
 – Feed water conditioning
 Steam traps
 Steam turbines
 Steel constructions
 Sterilizers
 Stone catchers
 – Stone washers
 Sugar beet seed
 Sugar milling plants for icing sugar
 Sugar sifting plants
 Sugar storage
 – Conveyors for silos
 – Sugar silos
 Sulfitation plants
 Sulfur kilns
- T**
 Technical services
 Tube bends
 – Bends
 – Compensators
 – Pipe fittings
 – Pipeline installation
 – Stainless steel tubes
 Tube cleaning machines
 Turnkey installations
- U**
 Ultrafiltration installations
 UV disinfection plants
- V**
 Vertical lime kilns
 – Lime kiln bricklaying
 Vibration sieves
- W**
 Waste water treatment plants
 – Aerobic water purification plants
 – Anaerobic water purification plants
 – Mechanical water treatment plants
 Water conditioning
 Weighing machines
 – Gross and net bagging and filling weighers
 Wet milling plants
 Wheat starch separators
 Wheel washing systems
- X**
 Xanthan plants
- Y**
 Yeast factories, design/erection
 Yeast propagation
 Yeast propagation