

INTEGRATED TOTAL QUALITY SOLUTIONS









INTEG Engineering & Trading Services is a group of Professional Engineers and Technologists, committed to serve the fast growing needs of the industrial & commercial sector of Pakistan by providing quality services in the following fields:

- Fire Protection Systems
- Water
- HVAC (Heating Ventilation and Air-Conditioning Systems)
- Energy
- Safety & Egress

QUALITY SERVICES OFFERED:

- Assessment of Requirements
- Codes and Standard Consultation
- Technology Selection and Equipment Sizing
- Supply Chain Support
- Product Selection Options
- Basic Design Engineering
- Logistics Management
- Installation Supervision
- Managing Commissioning / Startup
- Maintenance Scheduling and Management
- Life Cycle Management

MARKET WE SERVE:

	Oil & Gas	Exploration, Processing, Operations, Transportation, Retail
•	Power	Thermal / Combine Cycle, HFO Based, Diesel Based
	Petrochemicals	Fertilizers, Chemicals, Solvents
•	Construction & Infrastructure	High Rise Buildings, Hotels, Shopping Malls, Ware Houses, Institutional
		& Residential Complexes, Military / Forces Installations
•	Ports	Airports, Sea Ports & Jettys
•	Industrial Zones ·····	Textiles, Pharmaceuticals, Food and Automobiles

INTEG OPERATIONS:

We are serving the industry by integrating our two divisions designed for the products and projects needs of the market.

- Project Business Unit
- Product Business Unit

PROJECT BUSINESS UNIT:

INTEG Project Business Unit has good reputation and strong contacts among the Engineering Business community of Pakistan. Local market consultants, designers, equipment stockiests, suppliers and manufacturers are very well known to INTEG Project Business Unit.

- Design
- Engineering
- Procurement
- Installation
- Commission
- Services

Professionals at INTEG Engineering & Trading Services utilize a well developed planning strategy to achieve greater customer satisfaction.

- Project Management by Project Schedule
- Conceptual & Pre-design Engineering Discussions
- Coordination with Client to avoid / remove problems during execution phase.
- Start up / Launch Services & Supports
- Develop Standards & Documentation

PRODUCT BUSINESS UNIT:

INTEG Product Business Unit has a good range of industrial products for the facilitation of our valued clients and customers. We comply with our best and reach to cost effectively supply and support the right products.

- Customer Facilitator
- Inquiry / Quote Manager
- Logistic Supporter
- Product Tracker
- Supports & Services

INTEG PRODUCT RANGE (Brand Vise):

S. No.	Company / Brand	<u>Origin</u>	Product Description
1 2 3 4 5 6 7	Chemguard Inc. Peerless Pumps Godwin Pumps Biral Noha SRI Bristol	USA USA UK Switzerland Norway Malaysia UAE	Fire Fighting Foams & Concentrates, Portable Equipments, Engineered Systems Fire Pumps (UL/FM Approved) Fire Pumps (LPCB Approved) Multi Stage & Centrifugal Pumps, Submersible Pumps, Water Booster Sets Fire Hose Reels & Cabinet Fire Fighting Equipments & Accessories Fire Fighting Pumps, Equipments & Accessories
8	Viking	USA	Fire Sprinklers, Monitoring Devices, Valves & Accessories Fire Sprinklers, Monitoring Devices, Valves & Accessories Fire Sprinklers, Alarm & Detection System
9	Reliable	USA	
10	Shield	UK	
11	Kidde / SRI	UK / Malaysia	Fire Suppression Systems Components & Systems for Heating, Air - Conditioning and Sanitary Applications Fire Alarm & Detection, Fire Sprinkler Monitoring Products, Electronic Flexible Sprinkler Connections, Fire Systems, Industrial Control Monitoring Products
12	Watts	Italy	
13	Potter	USA	
14	Flexhead	USA	
15	Civtas	Turkey	Piping & Ducting Supports Waste Water Treatment Plants (MBR Technology) Packaged & Industrial Waste Water Treatment Plants Evacuation Chutes Fire Doors & Shutters Fire Protection Safes & Cabinets
16	Huber	Germany	
17	ENTA	Turkey	
18	Mobiltex	Sweden	
19	SKB	Malaysia	
20	Schwab Corp	USA	

INTEG PRODUCT RANGE (Market Vise):

- Fuel Transfer Pumps
- Fire Pumps (UL/FM Approved)Fire Pumps (LPCB Approved)

- Water Supply PumpsChilled Water Pumps
- Condensate Water Pumps
- HVAC Circulator Pumps
- Booster Sets
- Submersible Pumps
- Sewage Sump Pumps

HVAC:

- Cooling Towers
- Packaged Cooling SystemsFRP & Steel Ducting Systems
- Water Protection Products
- Sanitary Products
- Air conditioning, Fuel & Gas (Components & Devices)
- Instrumentation (Pressure & Temperature Gauges)
- Electronics
- Drainage
- Ducting & Piping Supports Systems
- Engergy Saver FRP Axial Fans

- High Pressure Valves
- Gate Valves
- Globe Valves
- Check Valves
- Butterfly Valves Needle Valves
- Cast Steel Valves
- Forged Steel Valves

- Fire Equipment:
- Fire Pumps (UL/FM Approved)Fire Pumps (LPCB Approved)
- Fire Pumps Packaged Sets
- Fire Sprinklers
- Fire Sprinklers Monitoring Devices
- Flexible Sprinklers Connection Hoses
- Fire Sprinklers Piping Supports (Anchors, Clamps, Threaded Rods)
- Fire Suppression Systems (Inertec, FM 200)
- Fire Hose Reels & Cabinets
- Fire Water / Foam Monitor
- Fire Hydrants
- Landing Valves
- Fire Extinguishers
- Fire Fighting Foam and Engineered Equipments
 Fire Alarm & Detection
- Fire Resistance Steel Doors

Water & Wastewater:

- RO Plants (Brackish & Sea Water)
- Waste Water Treatment Plants (Packaged & Industrial Plants)
- Sand Filtration / Multi Media Filtration Systems
- Valves & Controls
- Water Supply Pumps
- Irrigation Booster Systems

Safety & Egress:

- Emergency Evacuation Chutes
- Fire & Blast Resistance Doors
- Fire Protection Safes & Cabinets
- Personal Safety Equipments
- Industrial Safety Equipments

BRANDS WE DO:



Fire Protection, Agriculture, Industial, Municipal, Process Pumps (UL / FM Approved)



Package Fire Pump (LPCB Approved)



High Pressure Centrifugal, Submersible, Booster Sets, Sewage Sump Pumps



Fire Hose Reels & Cabinets, Fire Extinguishers, Offshore Products



Fire Fighting Equipments and Pumps Packager



Fire Fighting Equipment & Engineered Systems



Foam / Water Deluge Sprinkler System, Devices, Valves



Fire Sprinklers and Sprinklers Accessories



FlexHead Commercial Sprinkler Connections



Fire Fighting Foams & Concentrates, Portable Equipment & Engineered Systems



Fire Resistance Steel Doors and Industrial Fire Shutters



Fire Protection Safes & Cabinets



Fire Sprinkler Monitoring, Industrial Control and Security Systems



Amerex Corporation

Hand / Wheeled Extinguishers, Industrial Fire Suppression Systems



Industrial / Commercial and Fire Protection Valves



A Division of Watts Water Technologies Inc.
Components and systems for heating, air conditioning and sanitary applications



Bolts, Nuts, Washers, Screws, Anchors, Clamps, Support & Expansion Assemblies



Fire Rescue, Protective and Safety Equipments



Industrial Waste Water Treatment Plants



Package Waste Water Treatment Plants



Emergency Evacution Chutes

INTEG IS WORKING WITH:











































































































Fire Protection, Agriculture, Industial, Municipal, Process Pumps (UL / FM Approved)

Since 1923, Peerless Pump Company has provided a wide range of industries with the highest quality pumps, packaged pumping systems, parts and service. As a recognized leader in pump design, performance and innovation, Peerless serves customers throughout the world.

- OVER 80 YEARS OF QUALITY AND RELIABILITY
- HIGH QUALITY ASSURANCE
- ABSOLUTE DESIGN INTEGRITY
- METICULOUSLY CONTROLLED
 MANUFACTURING
- PRODUCT APPLICATIONS

AGRICULTURE

INDUSTRIAL

MUNICIPAL

CHEMICAL / PROCESS

FIRE PROTECTION

PEERLESS ENGINEERED SYSTEMS

- Building Trades Fire Pump Packages
- OffshorE Fire Pump Packages
- Power Plant Fire Pump Packages
- Unipresure Booster Packages
- Booster Pump Packages



FEATURED PRODUCTS

PUMPS

- Vertical Industrial Process Pumps
- Axial and Mixed Flow Pumps for Large Volume Pumping
- Encased (Can Type) Water and Process Liquid Pumps
- Vertical Turbine Pumps for Water Supply from Drilled Wells
- Vertical Submersible Pumps
- Vertical Pre-Engineered Booster Pumps
- Industial Sump Pumps
- Horizontal Split Case Single Stage Pumps
- Horizontal Split Case Multi-stage Pumps
- ANSI B73.1 Pumps
- Heavy Duty, Industrial, Paper Stock, Slurry Pumps
- Self-Priming Industrial Pumps
- General Purpose End Suction Pumps
- Modular Multi-stage Pumps
- Hydroconstant Variable Speed Pump Drives
- General Purpose In-Line Centrifugal Pumps
- Vertical Enclosed Shaft Sump Pumps
- Vertical Shaft Sump Pumps
- Vertical Enclosed Shaft Sewage Pumps
- Submersible Sewage Pumps
- Flush-Kleen Clog Sewage Systems
- Sealtrode Floatless Pump Controllers
- Peerless Package Pumping Systems
- Peerless HC Plus System

Fire Pumps

- Vertical Fire Pumps UL Listed, ULC Listed and FM Approved
- Capacity: 250 to 5,000 GPM
- Head: 92 to 1,176 Feet
- Horizontal Fire Pumps, UL Lited, ULC Listed and FM Approved
- Capacity: 250 to 5,000 GPM
- Head: 92 to 1,492 Feet
- In-Line Fire Pumps, UL Listed and ULC Listed
- Capacity: 50 to 750 GPM
- Head: UP to 406 Feet
- End Suction Fire Pumps, UL Listed and FM Approved
- Capacity: Up to 1,500 GPM
- Head: Up to 367 Feet

















(LPCB Approved)

At Godwins we understand the importance of quality and reliability and give a firm commitment to our customers, by utilising modern machinery and the latest technology, that products manufactured and supplied by our comany will be of the highest possible standards attainable.

- **OVER 120 YEARS OF QUALITY AND REALIABLITY**
- LPC, NFPA AND UL / FM STANDARDS
- **CUSTOM-BUILT SYSTEMS**
- **PACKAGE PUMP HOUSES**
- **PRODUCT APPLICATIONS**

CONSTRUCTION INDUSTRY

OIL REFINERIES

CHEMICAL PLANTS

COAL MINES

IRRIGATION

WATER DISTRUBUTION

FIRE FIGHTING

HEATING & VENTILATION



FEATURED PRODUCTS

Dri - Prime Pumps

- General Purpose, Solids Handling Godwin Dri-Prime Pumps.
- High Head and Jetting Dri-Prime Pumps.
- Extra High Head Pumps.
- Heidra Hydraulic Submersible Pumps.
- Godwin Wellpoint Dewatering Systems.
- Capacities: Up to 2600 m3/hr.
- Discharge Heads: Up to 185 meters.

ET Series Pumps

- Capacities: Up to 550 m3/hr.
- Discharge Heads: Up to 50 meters.

Iso Flow Pumps

- Capacities: Up to 1300 m3/hr.
- Discharge Heads: Up to 165 meters.

RPV Pumps

- Capacities: Up to 60 m3/hr.
- Discharge Heads: Up to 240 meters.

Submersible Pumps

- Capacities: Up to 60 m3/hr.
- Discharge Heads: Up to 290 meters.

Booster Sets

- Capacities: To suit plant requirements.
- Discharge Heads: Up to 200 meters.

Fire Pumps

Individual or fully packaged systems for Sprinkler, Hydrant and Hose Reel aplications can be supplied to satisfy the most sophisticated demands. Godswins are an approved supplier of LPCB specification fire pumps meeting their latest design, rules and regulations. We can also supply equipment to meet NFPA 20 (UL / FM) requirements.

Our comprehensive range of ISO and Split Case design pumps can handle,

- Flows: Up to 5000 U.S.G.P.M.
- Pressures of 16 Bar

Materials of construction are specified to suit individual applications with cast iron, stainless steel or bronze being available. All units are fully tested prior to despatch and facilities are available for customer's witness testing at the factory. All major international diesel engines and electric motors are available for use as the prime mover.

The Godwin approach is to build fire pump sets to suit the customer's exact specification Flexibility in our design and manufacturing facilities ensure this.

















High Pressure Centrifugal, Submersible, Booster Sets, Sewage Sump Pumps

Established since 1919, Biral operates its own branches in Germany & Netherlands and having Headquarter in Munsingen, Switzerland. Biral is capable of reaching every market in the world from its wide distribution network. Biral is a member of Grundfos Holding Switzerland. The Biral products are sold exclusively under the label of Biral. Biral Pumps fulfill the highest requirement concerning function and quality. With in the Grundfos Group, the Biral brand occupies a top ranking.

- WATER SUPPLY SYSTEMS
- PRESSURE BOOSTER SYSTEMS

WASTEWATER & SEWAGE SYSTEMS

- **HEATING & AIR-CONDITIONING SYSTEMS**
 - ISO Certified Manufacturing
 - One Year Warranty for all Biral Products
 - Tailor Made Solutions

PRODUCT APPLICATIONS

- BUILDING SERVICE
- IRRIGATION
- WATER TRANSPORT
- WATER TREATMENT
- SEWAGE TREATMENT PLANTS
- MUNICIPAL & DOMESTIC SEWAGE & **WASTE WATER**
- SEAWATER DESALINATION
- INDUSTRIAL APPLICATIONS



FEATURED PRODUCTS

HVAC Products

- Heating Circulation Pumps MX/M/MD LX / LXD HX / HXD MXE/LXE/HXE/LXC/HXC/LC
- Hot Water Circulation Pumps WX / W EBZ - V (Inline Pumps) EBZ - E

Vertical Multistage Pumps

- HP
- HPC
- HP E / HPC E (Speed Control)

Transfer & Booster Systems
- Based on HP / HPC / HPE Pumps

Range: Upto 700 m3/hr Flow & 240 m Head 2['] to 6 Pumps Coupled in Parallel Individual Speed Control on all Pumps Or only one or two pumps with speed

MultiStage, Horizontal Centrifugal Pumps

- Wide range of Commercial & Industrial Application

Upto 14 m3/hr Flow & 55 m Head Available in 12 different sizes

End - Suction Pumps

- NT Series (Long Coupled) For Large Volume Pumping More than 500 different variations pumps

Range:

Upto 2000 m3/hr Flow & 55 m Head

- NB Series (Close Coupled) For Large Volume Pumping More than 150 different variations

Upto 400 m3/hr Flow & 100 m Head

MultiStage Submersible Pumps

- SUB 4, 6, 8-12"

Upto 400 m3/hr Flow & 250 m Head

Drainage Pumps

- Birox 80, 90, 100, 150, 200 (Available in 5 sizes)

Upto 34 m3/hr Flow & 13 m Head

Effluent Wastewater Pumps

- ANE, ANW, ANM Free passage of Solids upto 35mm Available in 30 Flow Sizes

Range:

Upto 40 m3/hr Flow & 16 m Head

Sewage Pumps - FEC, FMC, FWC

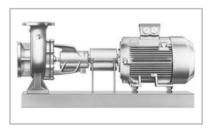
Free passage of Solids upto 100mm

Upto 1800 m3/hr Flow & 65 m Head

















Fire Hose Reels & Cabinets, Fire Extinguishers, Offshore Products

NOHA NORWAY AS was founded in 1924 and has grown to become world leading manufacturer of fire hose reels and cabinets. NOHA started manufacturing hose reels early in the 1950 and has since focused on developing solutions and extending the product range to cover all fire fighting equipments for the residential and commercial market.

- EXTENSIVE RANGE OF CERTIFIED QUALITY PRODUCTS
- CUSTOM MADE SOLUTIONS
- EASY TO INSTALL
- CORROSION PROTECTION
- PRODUCT APPLICATIONS

COMMERCIAL BUILDINGS

RESIDENTIAL COMPLEXES

SHOPPING MALLS

HOTELS

HOSPITALS

PHARMACEUTICALS

INDUSTRIAL APPLICATIONS

integ Engineering & Trading Services

FEATURED PRODUCTS

- Fire hose reel for wall-monitoring
- Fire hose reel for recess-mounting
- Fire hose reel in cabinet
- Fire hose reel in vertical combined cabinet with equipment compartment
- Fire hose reel in cabinet brushed stainless steel
- Fire hose reel in vertical combined cabinet with equipment compartment brushed stainless steel
- IFire hose reel in cabinet stainless steel powder coated
- Fire hose reel in cabinet for recess-mounting
- Fire hose reel in cabinet for limited wallspace
- Free-standing fire hose reel
- Fire hose reel in isolated and heated cabinet
- Free-standing fire hose reel in isolated and heated cabinet
- Accessories
- Fire extinguisher cabinet
- Nozzle cabinet
- Landing valve cabinet
- Hose reel for the home and garden
- Hose reel for limited water-supply
- General purpose hose reel
- Hose trolley
- Hose reel for long hoses
- Hose reel 60 bar water pressure
- General purpose hose reel for hot water up to $80\,\mathrm{C}$
- S1 1 Offshore
- S13 Offshore
- S21 Offshore Cabinet
- S22 Offshore
- S26 Titanium Offshore
- S81 Offshore
- S82 Offshore
- S84 316 Offshore
- S86 Titanium Offshore
- S87 Plant Air Offshore
- Model 151 Plant Air
- S88 Diesel Offshore
- S89 HP 230 Bar Offshore
- S85 DUO Offshore
- S91 Dual Agent
- S96 Titanium Dual Agent
- Model S6 1F Foam Hose Reel
- Cartridge-Operated Powered Extinguishers
- CO2 Extinguishers
- Wheeled CO2 Extinguishers
- Heavy-Duty Wheeled Extinguishers
- Argonite Systems
- AFĪ 20 MK2 Mobile Foam Unit
- Niagara Foam
- Akron Monitors
- Akron Nozzles

















Fire Fighting Equipments and Pumps Packager

BRISTOL Fire Engineering, was established in 1989 (the first of it's kind in the U.A.E.) for the production of high quality Fire Fighting and Systems Equipment in cooperation with European Know-How and Technology, to fulfill the economical development and the increase in demand. The production is tested by Bureau Veritas to comply with European Standards BS/EN3.

- ESTABLISHED IN 1989
- STATE OF THE ART MANUFACTURING FACILITY
- DIVERSIFIED PRODUCT RANGE
- PRODUCT APPLICATION

OIL & GAS SECTOR

POWER PLANTS

HIGH RISE BUILDINGS, HOTELS, SHOPPING MALLS AND WARE HOUSES

AIRPORTS AND SEA PORTS

INDUSTRIAL ZONES

(TEXTILES, PHARMACEUTICALS, CHEMICAL, LEATHER, FOOD, AUTOMOBILES AND ENGINEERING)



FEATURED PRODUCTS

- Extinguishers
- -CO2
- Dry Chemical Powder
- Foam
- Water

Cabinets

- Fire Hose Reels & Cabinets
- Fire Hose Reel (Manual & Automatic)
- Fire Hose Rack Cabinets
- Hose Reel & Extinguisher Cabinet
- Hose Reel & Fire Hose Cabinet
- Vertical Twin Compartment Cabinet
- Horizontal Twin Compartment Cabinet

Hoses & Accessories

- Single Jacket Hoses
- Double Jacket Hoses
- Jet/Spray/Shut Off Nozzle
- Hose Coupling
- Diffuser

Valves & Hydrant

Hydrant

- Dry / Wet Type Hydrant
- Pillar Hydrant

Valves

- -Oblique Landing Valve
- Right Angle Landing Valve
- Straight Through Landing Valve
- Pressure Reducing Angle Valve
- E Type Pressure Regulating Valve
- Air Release Valve

Breeching Inlet

- Two Way Breeching Inlet
- Two Way Breeching Inlet with Cabinet
- Four Way Breeching Inlet
- Four Way Breeching Inlet with Cabinet

Pumps

- Centrifugal End Suction Pumps
- Individual Pumps
- Packaged Set with Suction / Discharge Manifolds mounted on a common skid















Fire Fighting Equipment & Engineered Systems

SRI was established in 1974. It is wholly owned by SRII BERHAD which is listed in the Kuala Lumpur Stock Exchange. It is committed to providing the most comprehensive and reliable fire fighting equipment and services to protect lives and properties. Our customers are assured of the best from design, manufacturing to delivery, installation and service.

SRI's full range of fire fighting products are manufactured to international standards such as British standards (BS); European standards (EN); Australian standards (AS); Singapore standards (PSB); Underwriter Laboratories standards (UL); and Malaysian standards (MS).

- ESTABLISHED IN 1974
- STATE OF THE ART MANUFACTURING FACILITY
- MANUFACTURING AS PER INTERNATIONAL STANDARDS
- ISO 9002 CERTIFIED COMPANY
- PRODUCT APPLICATIONS
 - OIL & GAS SECTOR
 - POWER PLANTS
 - FERTILIZER & PETROCHEMICALS
 - HIGH RISE BUILDINGS, HOTELS, SHOPPING MALLS AND WARE HOUSES
 - AIRPORTS AND SEA PORTS
 - INDUSTRIAL ZONES (TEXTILES, PHARMACEUTICALS, CHEMICAL, LEATHER, FOOD, AUTOMOBILES AND ENGINEERING)



FEATURED PRODUCTS

Extinguishers

- Dry Powder, CO2, Water, Foam
- Wet Chemical / Class F
- Clean Agent, Twin Agent

Fire Hose Reels & Cabinets

Fire Cabinets

- Hose Reel Cabinets
- Fire Hose Rack Cabinets
- Hose Reel and Extinguishers Cabinets
- Hose Reel and Fire Hose Cabinets
- Self Standing Hose Reel Cabinets
- Fire Hydrant Cabinets

Fire Hose Reels - Ordinary / Kitemark Approved Range

- Fixed Hose Reels
- Swing Manual Hose Reels
- Swing Automatic Hose Reels
- Hose Reels with Foam Tank

Hoses & Accessories

Fire Hoses

- Single, Double Jacket Hoses
- External & Internal Rubber Lining

Nozzels

- Jet and Spray Nozzles
- Pistol Grip Nozzles
- Autoflow Handline Nozzles
- Selectflow Handline Nozzles

Valves & Hydrants

Dry / Wet Type Hydrants

- Pillar Hydrants
- Pillar Hydrants with Security Cap
- Post Indicator
- 2 Way Pedestal Hydrant
- Underground Hydrant

Valves

- Oblique Landing Valves
- Right Angled Landing Valves
- Straight through Landing Valves
- Pressure Reducing Angle Valves
- E type Pressure Regulating Valves
- Air Release Valves

Wet Type Fire Hydrants

- 2 Way Pedestal Hydrant
- Underground Hydrant
- Stand Pipes
- Hydrant Key and Bar

Breeching Inlet

- Two Way Breeching Inlet
- Four Way Breeching Inlet

Pumps

- End Suction Pump Set
- Horizontal Split Case
- Vertical Multistage
- Vertical Turbine

















FlexHead Commercial Sprinkler Connections

Founded in 1992 FlexHead Industries is dedicated to providing safe leading edge technologies that promote increased installation and maintenance of automatic sprinkler systems. These systems reduce installation, inspection, and relocation costs to allow end-users cost effective means to be completely protected and code compliant, by constantly improving and developing systems to facilitate sprinkler installation.

FlexHead Industries manufactures and distributes products that are Factory Mutual Approved as well as UL listed flexible fire protection systems, which are produced in an FM audited facility.

- FACTORY MUTUAL APPROVED AND UL LISTED
- COST-SAVING PRE-ASSEMBLY
- SOILD CONSTRUCTION
- UNMATCHED FLEXIBILITY
- COST EFFECTIVE CODE COMPLIANCE



FEATURED PRODUCTS

Commercial Ceiling Models

(2024) For use with 2x2 or 2x4 suspended ceiling grid w / 2' SS hose.

(2036) For use with 2x2 or 2x4 suspended ceiling grid w/ 3' SS hose.

(2048) For use with 2x2 or 2x4 suspended ceiling grid w/ 4' SS hose.

(2060) For use with 2x2 or 2x4 suspended ceiling grid w/ 5' SS hose.

(2072) For use with 2x2 or 2x4 suspended ceiling grid w/ 6 SS hose.

10 Series - FRP or Phenolic Ductwork

(1024) For use with FRP or phenolic duct w/ 2' SS hose.

(1036) For use with FRP or phenolic duct w/ 3'SS hose.

(1048) For use with FRP or phenolic duct w/4' SS hose.

11 Series - SS or Galvanized Ductwork

(1124) For use with lines SS or galvanized duct w/ 2' SS hose.

duct w/ 2' SS hose. (1 136) For use with lines SS or galvanized duct w/ 3' SS hose.

(1148) For use with lines SS or galvanized duct w/ 4' SS hose.

12 Series - Polypropylene Ductwork

(1224) For use with PP duct w/ 2' SS hose. (1236) For use with PP duct w/ 3' SS hose. (1248) For use with PP duct w/ 4' SS hose.

13 Series - PVC Ductwork

(1324) For use with PVC duct w/ 2' SS hose. (1336) For use with PVC duct w/ 3' SS hose. (1348) For use with PVC duct w/ 4' SS hose.

Cleanroom Ceiling Models

(CRD 0072) For use with DAW Technology

grid, 6 SS hose. (CRW0072) For use with M&W Zander grid, 6 SS hose.

(CRHA 0072) For use with Hunt Air grid, 6 SS hose.

(CRC 0072) For use wi.th Clestra grid, 6'SS hose.

(CRG 0072) For use with Gordon grid, 6 SS hose.

(CRHC 0072) For use with Hepa Corp. grid 6'SS hose.

(CRL 0072) For use with L and K Engineering, 6'SS hose.

(CRF 0072) For use with Flanders grid, 6'SS hose.

(CRFH 0072) For use with FH Chase grid, 6' SS hose.

(CRCS 0072) For use with Channel Systems grid, 6'SS hose.

(CRES 0072) For use with Engineered Solutions grid, 6 SS hose.

(CRSS 0040) For use with Shinsung Engineering grid, 40" SS hose.

(CRSS 0060) For use with Shinsung Engineering grid, 60" SS hose.

















Fire Fighting Foams & Concentrates, Portable Equipment & Engineered Systems

Chemguard's operations are a synergistic blend of research, design and manufacturing found nowhere else in the industry. From our innovative patents to our persistence in delivering a superior product, the dedication to a high level of achievement can be found in each department, in each employee and process.

- ENGINEERED SYSTEMS
- CUSTOM SYSTEMS DESIGN
- ADVANCED TECHNOLOGIES
- UNPARALLED SERVICE
- FIRE PROTECTION APPLICATIONS

REFINERIES

ETHANOL / BIO FUELS FACILITIES

LNG FACILITIES

AIRCRAFT HANGERS

CHEMICAL PROCESSING

TRUCK AND RAIL FACILITIES

OFFSHORE DRILLING / PRODUCTION

WAREHOUSE AND RACK STORAGE

PHARMACEUTICALS

MARINE



FEATURED PRODUCTS

AFFF - Foam Fire Fighting Concentrates

AFFF - Alcohal Residant Foam Fire Fighting Concentrates

High Expansion

Protein Based

Class A

Fluorosurfactants

Hydrocarbon Surfactants

Simu Foam

First Class

Class A Plus

BC Siliconized

Chemwet

Handline Nozzles

Inline Educators

Mobile Foam Carts

Oscillating Monitors

Monitor Nozzles

Trailer Mounted Mobile Units

High Expansion Foam Systems

Large Dry Chemical Systems and Skids

Large Dry Chemical Trailers

Twin Agent Trailers

AFFF Hose Stations

Foam Stations

AFFF Bladder Tanks

AFFF Pump Systems

High Capacity Water Pump Skids

Large Capacity Line Proportioners

Water Powered AFFF Pump Skids

















Fire Protection Safes & Cabinets

Schwab Corporation, established in 1872 in Lafayette, IN is the leading manufacturer worldwide for high security & fire resistant files, safes, cabinets and vault doors. As the most recognized name in fire protection and security of vital records, Schwab Corp has set the standard for over 131 years with a commitment to customer service, proven design & protection, and revolutionary new product releases.

- DESIGNED TO BE PRACTICAL
- DURABLE, FIRE / IMPACT RESISTANT
- ATTRACTIVE DESIGNS
- PROTECTION WITH STYLE
- PRODUCT APPLICATIONS

BANKS

HOTELS

OFFICES

HOSPITALS

RECORD ROOMS



FEATURED PRODUCTS

Side Tab Filling

- Aides in H.I.P.A.A Compliance
- Holds Both Letter & Legal End Tab Files
- Perfect for Binder Storage
- Stackable
- Simple To Use

Trident

- Superior seamless construction with use of inner steel drawer vault.
- Superior Insulite lightweight, water and fire resistant, insulation material.
- Point of application of TRIDENT seal, The Next Logical Step in water protection.

Media Cabinet

- Model 1816CN (Record).
- Model 1816CTS (Media).
- Model 1821CN (Record).
- Model 1821CTS (Media).
- Model 1826CN (Record).
- Model 1826CTS (Media).
- Model 1831CN (Record).
- Model 1831CTS (Media).
- Model 1844CN (Record).
- Model 1844CTS (Media).
- Model 1856CN (Record).
- Model 1856CTS (Media).

Insulanted Vault and File Room Doors

- Vault and File Room Doors in several colors.
- All doors undergo rigorous testing by Underwriters Laboratories.
- Every door performs at a level which exceeds its UL Standard 155 required rating.
- Standard key Change Combination Lock as well as two UL Standard 140 Re-Locking Device Mechanisms.
- File or Vault Room Door will give the customers the same assurance that banks, schools, hospitals and many residential customers have relied on for over 130 years of protecting their valuables from fire and theft.
- Optional Automatic door closer uses an electromagnetic system that releases the door when the sensor detects either heat or smoke.

Data Fortress

- Data Fortress is made to house your Back up systems.
- Work with Tape or Disc Drives.
- Equipped with Necessary Cabling Tailored to your system.
- Patented System Carries UL 72 Fire & Impact Resistance Rating.

Media Cooler

- Larger Storage Capacity.
- More Economical.
- More Compact.
- Simple to Use.

- More Theft Resistant

















Flow and Advisory Switch

Established in 1898, Potter Electric Signal Company has earned a reputation worldwide as an elite provider of goods and services. The Potter brand name and our logo have become synonymous with quality products and service. Products identified by assure the purchaser they are receiving the highest level of protection available in the industry.

- FIRE PROTECTION
- SECURITY
- BOILER CHILLER
- INDUSTRIAL CONTROL
- PRODUCT APPLICATIONS

FIRE SPRINKLER MONITORING SYSTEMS

ELECTRONIC FIRE SYSTEMS

VAULT AND SAFE SECURITY SYSTEMS

BOILER / CHILLER

INDUSTRIAL CONTROL MONITORING PRODUCTS



FEATURED PRODUCTS

- Communicators / DACT
- Releasing Panels
- Conventiional Fire Panels
- Conventional Panel Accessories
- Conventional Smoke and Heat Detectors
- Pull Stations and Accessories
- Analog / Addressable Panels
- Annuciators and Modules
- Analog Fire Sensors
- Analog / Addressable Peripherals
- Horns and Horn / Strobes
- Speakers and Speaker / Strobes
- Chimes and Chime / Strobes
- Fire Alarm Bells
- Backboxes and Plates
- Explosion Proof Devices
- Colored Strobes
- STI Guards and Stoppers
- Modules / Power Supplies
- Sprinkler Monitoring
- Vault and Safe Protection
- High Security Contacts
- Hold-up Switches
- Sirens
- Speakers
- Burglar Bells
- Conical Strobes
- Overhead Door Contacts
- Surface Mount Magnetic Contacts
- Special Combination Magnetic Contacts
- Recessed Magnetic Contacts
- Steel Door Magnetic Contacts
- Roller Ball Switches
- Door Cords
- Plunger Tamper Switches
- Emergency Switches
- Sensors
- Door Announcers / People Counters
- Transformers
- Five Zone Fire Alarm Control
- Two Zone Fire Alarm Control
- Fire Alarm Control Panel
- Analog / Addressable Fire Alarm Control
- Fire Alarm Comunicators
- Universal Ball Valve Switch

















HVAC, Drainage, Electronics, Controls & Instrumentation

Watts Water Technology is on the global market with several companies, each with their own history and product line. Within their diversity the companies of the Watts Water Technologies Group share the object of an intense technology development. Each product, designed for heating, plumbing, water protection and control represents an optimum example of synergy between technology, innovation and protection of the environment.

- ESTABLISHED IN 1874
- 26 COMPANIES, 20 SALES OFFICES & PRODUCTION CENTERS WORLD WIDE
- ISO 900 1:2000 (VISION 2000) CERTIFICATION
- PRODUCTS FOR DOMESTIC, COMMERCIAL & INDUSTRIAL USE
- INNOVATE & COMPLETE RANGE OF PRODUCTS
- WATER & ENERGY CONSERVATION AND SAVINGS
- COMFORT OF USE
- SAFETY & SECURITY
- SINGLE SOURCE OF HVAC VALVES & CONTROLS
- PRODUCT APPLICATIONS

WATER PROTECTION

SANITARY

HVAC

- Radiant Heat
- Under Floor
- Air Conditioning
- Fuel & Gas

INSTRUMENTATION

ELECTRONICS

DRAINAGE



FEATURED PRODUCTS

HVAC & Controls

- Radiator Valves
- Air Vents
- Boiler Components
- Regulation & Controls
- Components for Sanitary Systems
- Zone Control & Modul Distribution
- Components for Under Floor Heating Systems
- Fittings
- Balancing, Heat Energy Metering & Control
- Antipollution Devices
- Components for Gas Installations
- Components for Oil Fired Heating Systems
- Components for Solar Applications
- Electronics
- Water Protection

Drainage

- Floor Drains
- Floor Sinks
- Roof Drains
- Parking Drains
- Shower Drains
- Interceptors
- Cleanouts
- Hydrants
- Fixture Carries
 - Sainitary Floor
 - Sinks
 - Sanitary Floor Receptors
 - Trench Drains
- Water Hammer Arrestor
- Back Water Valves

Instrumentation

- Pressure Guages
- Combined Temperature & Pressure Guages
- Thermometers















Bolts, Nuts, Washers, Screws, Anchors, Clamps, Support and Expansion Assemblies

Established in 1967 CIVTAS is one of the first Bolt Manufacturers of Turkey. Since 1967the company has continuously expanded its product range and today manufacturers Bolts, Nuts, Washers, Screws, Anchors, Clamps, Support & Expansion Assemblies, Anchorages and Fitting Elements in different alternatives like "Iron", "Steel" and "Stainless Steel - Inox" in various sizes.

CNTAS produces all of its brands in compliance with TSE, DIN, EN, BO, ANSI, FI World Standards. With TSEK, Production Compliance, ISO 9001:2000, GOST Certificates and Capacity Report, the company meets all the needs and wants of its valuable customers, as well as the technical requirements.

- ESTABLISHED SINCE 1967
- IRON, STEEL & STAINLESS STEEL **PRODUCTS**
- **CONTINUOUS DEVELOPMENT & CUSTOMER SATISFACTION**
- COMPLIANCE WITH TSE, DIN, EN ISO, ANSI, IFI WORLD STANDARDS
- PRODUCT APPLICATIONS

OIL & GAS SECTOR

POWER PLANTS

CONSTRUCTION INDUSTRY, HIGH RISE BUILDINGS, HOTELS, SHOPPING MALLS AND WARE HOUSES

AIRPORTS AND SEA PORTS

INDUSTRIAL ZONES (TEXTILES. PHARMACEUTICALS, CHEMICAL, LEATHER, FOOD, AUTOMOBILES AND ENGINEERING)



FEATURED PRODUCTS

Bolts

- Hexagon head bolts
- Hexagon head screws, fully threaded
- Hexagon socket head cap screws
- Hexagon socket countersunk head screws
- Mushroom head square neck bolts
- High strength hexagon head bolts for structural steel bolting

Nuts & Washers

- Hexagon nuts
- Hexagon nuts for high-strength structural bolting
- Plain washers metric
- Plain washers whitworth
- Spring lock washers metric
- Spring lock washers whitworth
- Round washers for high strength structural steel bolting

- Slotted cheese head screws
- Slotted countersunk flat head screws
- Pan head screws with type "H" cross recessCountersunk flat head screws with type
- "H" cross recess - Chipboard screws
- Self drilling screws
- Cheese head self drilling screws
- Countersunk head self drilling screws
- Hexagon washer head self drilling screws
- Buggle head drywall self drilling screws Buggle head drywall screws (fine & coarse)
- Hexagon wood screws

Anchors

- Sleeve anchor
- Steel plug drop in anchor
- Pipe anchor with bolt
- Draw-in anchor (with hexagon conic nut)
- Draw-in anchor (with round conic nut)
- Monoclip anchor
- Heavy duty anchor
- Hook suspension anchor with sleeve Hook suspension anchor with pipe
- Ceiling anchor (with "I" part)
- Plastic anchor (nylon plug anchor) - Chemical anchor (hammer in capsule)
- Chemical anchor (spin in capsule)
- Chemical anchor threads rods
- Chemical cartridge
- Cartridge gun

- Clamps
 Wood screw adapter
- Standard pipe clamp with nut & rubber
- profile Standard pipe clamp with nut, without rubber profile
- Standard wood screw pipe clamp with rubber profile
- Standard wood screw pipe clamp without rubber profile
- Long wood screw pipe clamp with rubber profile
- Long wood screw pipe clamp without rubber profile
- Pipe clamp for sprinkler application
- Pvc clamp
- Heavy duty clamp with rubber profile
- Heavy duty clamp without rubber profile
- Heavy duty clamp with nut & rubber profile
- Heavy duty clamp with nut, without rubber profile



















Ingstrom Escape Chutes

In many ways, INGSTROM Escape Chute system is a universally designed product that is accessible and usable by the greatest number of people, regardless of their capabilities. It can be deployed inside or on the exterior walls of the building, will operate even if the electrical supply to a building is lost during a fire, provide escape solutions for high rise buildings under fire (or damaged by explosions) whose aim is to bypass impassable floors or blocked stairways. These would allow people trapped in higher elevations to escape safely to the street.

- MORE THAN 25 YEARS OF EXPERIENCE
- SPECIAL MADE MATERIALS
- FAST AND EFFICIENT ESCAPE SYSTEM
- FROM 2 STORY UPWARD TO HIGH RISE
- THREE WAY PROTECTION
- OVER 5000 INSTALLATIONS OF ESCAPE CHUTES WORLDWIDE
- PRODUCT APPLICATIONS

HIGH RISE COMMERCIAL & RESIDENTIAL BUILDINGS

HOSPITALS

HOTELS

MILITARY INSTALLATIONS

INDUSTRIAL APPLICATIONS

FIRE & RESCUE SERVICES



FEATURED PRODUCTS

Three Way Protection

This unique chute is constructed by combining three separate layers of specialized materials that protect users from flame, heat and smoke.

Inner Laver

The inner layer is made up of Twaron and Flexible Rohvyl yarn. This hybrid fabric is extremely strong, very flexible and is also of heat resistant. The inner layer bears the load of the total chute.

Middle Layer

The centered layer is made up of a very elastic 'spun cell' - made of Lycra and Modlacrylic fibres and can easily increase three times in size.

Outer Layer

The outer layer of the chute, made of flexible glass fibre, provides protection against fire, heat and smoke and can resist temperatures of up to 800°C.

Types Of Escape Chutes

Single Entry Escape Chute

This single entry chute installed in old or existing building whereby there is no possibility of incorporating the "Multi-Entry" chute. Each chute installation at window, balcony, rooftop, best serves the occupants of that particular floor. This 3-way protection protects the evacuees from fire, heat, and smoke during evacuation. Available in a maximum length of 200 m. The longest such chute in used is 146 m in Bangkok.

Movable Escape Chute

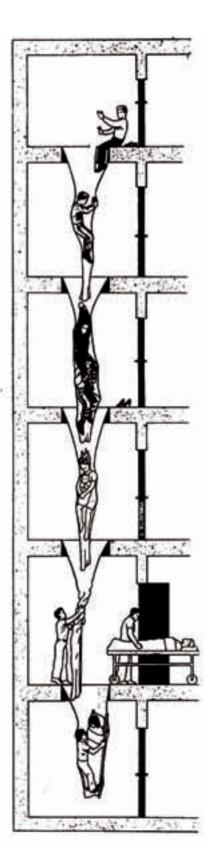
This multiple escape chute system is installed inside a protected vertical shaft enclosure. This interior chute is constructed of 2 layers. The chute is installed in segment at each floor level. It has no length and height constraints.

The longest one in use is 165 m at the Nation Tower, Bangkok, Thailand.

Portable Entry Escape Chute

Escape Chutes can be fitted to Fire Department Aerial Ladders and Snorkel Platforms, this will increase the rate of evacuation thus reducing the risk exposure of the fireman. With additional equipment, the portable platform can also be mounted on the parapet of the balcony and window. The chute is constructed of 3 layers, this 3-way protection protect the evacuees from flame, heat, and smoke during rescue operation.

The longest one in use is 100m on Bronto Skylift, operating in Moscow.





Industrial / Commercial and Fire Protection Valves

Nobody else can deliver the depth and breadth of NIBCO's comprehensive product package. But that's only the beginning of what sets us apart. In order to stay on the leading edge and to exceed specification needs, NIBCO offers end users a comprehensive package of services.

- QUALITY
- DIVERSIFICATION
- SUPPORT
- INNOVATION
- AVAILABILITY

HIGH RISE COMMERCIAL & RESIDENTIAL

BUILDINGS

HOSPITALS

HOTELS

MILITARY INSTALLATIONS

INDUSTRIAL APPLICATIONS

FIRE & RESCUE SERVICES



FEATURED PRODUCTS

Fittings

- Wrot and cast copper pressure fittings
- Wrot and cast copper drainage fittings
- Wrot copper PEXIink fittings
- Cast copper alloy flared fittings
- Cast copper alloy flanges
- ABS and PVC DWV fittings
- Schedule 40 PVC pressure fittings
- CPVC CTS fittings
- CPVC CTS-to-metal transition fittings
- Schedule 80 PVC and CPVC systems
- CPVC metric piping systems.

Valves & Actuation

- Pressure-rated bronze, iron and alloy-iron gate, globe and check valves
- Pressure rated bronze ball valves
- Boiler specialty valves
- Commercial and industrial butterfly valves
- Circuit balancing valves
- Carbon and stainless stell ball valves
- ANSI flanged steel ball valves
- High performance butterfly valves
- Pneumatic and electric actuators and controls
- Grooved ball and butterfly valves
- UL / FM fire protection valves
- Low-pressure gate, globe, check and ball valves
- Bronze specialty valves
- Frostproof sillcocks
- MSS specification valves
- PVC ball valves
- CPVC CTS ball valves.

Chemtrol

- Thermoplactic pipe, valves and fittings in PVC, Corzan CPVC, polypropylene and PVDF Kynar
- Chem-Aire thermoplastic compressed air piping systems
- Pneumatic and electric actuation systems.

Tolco

NIBCO now offers complete support with its newest addition of TOLCO brand piping solutions including:

- Pipe attachments
- Structural attachments
- Pipe rollers
- Threaded products and accessories
- Seismic components
- Vibration isolation
- Standard and specialty supports
- TOL Strut channel and components.

















SELECTED REFERENCES:

Oil, Gas & Power Sector:

Project Engro Chemical - Dharki Client Scope Supply of UL/FM Approved PEERLESS Fire Fighting Pumps for Engro. OGDCL Sites OGDCL 2 Project Client Scope Supply of UL/FM Approved PEERLESS Fire Fighting Pumps for various sites location of OGDCL. 3 Project **PSO Sites** Pakistan State Oil Client Supply of UL/FM Approved PEERLESS Fire Fighting Pumps for various sites location of PSO. Scope Fatima Fertilizer Company - Sadigabad 4 Project Fatima Fertilizer Company
UL/FM Approved PEERLESS Fire Fighting Pumps for Fatima Fertilizer Company. Client Scope 5 Project Fatima Fertilizer Company - Sadiqabad Fatima Fertilizer Company Client Supply of SRI Fire Hydrant, Fire Monitors and various Field Equipments for entire Facility. Scope

Building & Commercial Sector:

PPL Kandhkot

Project

Client

Scope

6

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l	Project Client Scope	Dolmen City Clifton - Karachi ICPL / FND Consultant Supply of UL / FM Approved PEERLESS Fire Fighting Pumps for Dolmen City Clifton.
2	Project Client Scope	National Art Gallery - Islamabad Builders Associates / F N D Consultant Supply of NOHA Fire Hose Reel & Cabinet & Fire Extinguishers System for National Art Gallery.
3	Project Client Scope	Dolmen Executive Tower - Karachi Dolmen / FND Consultant Supply of NOHA Fire Hose Reels System for Dolmen Executive Tower.
4	Project Client Scope	Dolmen Triangular Tower - Karachi ICPL / FND Consultant Supply of NOHA Fire Hose Reels & Ca binet System for Dolmen Triangular Tower.
5	Project Client Scope	Dolmen Mall Tariq Road - Karachi Dolmen / FND Consultant Supply of NOHA Fire Hose Reels & Ca binet & BRISTOL Fire Fighting Pump Set for Dolmen Mall.
6	Project Client Scope	Parke Davis Pakistan - Karachi S.Y. Associates / FND Consultant Supply of NOHA Fire Hose Reel & Cabinets & RELIABLE Fire Sprinklers & S R I Field Equipments for Parke Davis.
7	Project Client Scope	Citi Tower - Karachi Jaffer Brothers / FND Consultant Supply, Installation, Testing & Commissioning of VIKING Fire Sprinklers for JBL Office Floors at Citi Tower.
8	Project Client Scope	Dolmen Triangular Tower - Karachi ENGRO Head Office / FND Consultant Supply, Installation, Testing & Commissioning of VIKING Fire Sprinklers for Engro Office Floors at D. T. Tower.

Supply of SRIFire Hydrant, Fire Monitors and various Field Equipments for entire Facility.



SELECTED REFERENCES:

9	Project	Custom Container Terminal - Port Qasim Karachi
7	Client Scope	Pak Security & Safety / FND Consultant Supply, Installation, Testing & Commissioning of NAFFCO Fire Hydrant & RELIABLE Sprinklers of entire Terminal.
10	Project Client Scope	Creek Vista D.H.A Karachi HRL-ACL-BA / MeinHardt Pakistan Supply of NAFFCO Fire Hose Reels & Field Equipments for 12 Residental Towers.
11	Project Client Scope	DHL Head Office Jinnah Terminal - Karachi Principal Builder / MeinHardt Pakistan Supply, Installation, Testing & Commissioning of GODWIN / NOHA Fire Hydrant System of entire Facility.
12	Project Client Scope	PIA Cargo Complex - Lahore PIA / MeinHardt Pakistan Supply, Installation, Testing & Commissioning of GODWIN / SRI Fire Hydrant System of entire Facility.
13	Project Client Scope	Friendship Textile - Karachi Friendship Textile Industries Supply of Package Type GODWIN Fire Fighting Pump Set for Friendship Textile facility at Northern By Pass.
13	Project Client Scope	Pearl Continental Hotel - Muzaffarabad PC / MeinHardt Pakistan Supply of NAFFCO Field Equipments & NOHA Fire Hose Reel & Cabinets for PC Muzaffarabad.
14	Project Client Scope	Pearl Continental Hotel - Gwadar PC / S.Mehboob & Company / Adnan Asdar & Associates Supply of NAFFCO Field Equipments & NOHA Fire Hose Reel & Cabinets for PC Gwadar.
15	Project Client Scope	Faysal House Head Office - Karachi Faysal Bank / Y.S. Associates / Adnan Asdar & Associates Supply of ANGUS Fire Hose Reel & Cabinets for Faysal House Head Office Building.
16	Project Client Scope	Marriott Hotel - Karachi Marriott Supply of SRI&NAFFCO Fire Hose Reels for Karachi Marriott Hotel.
17	Project Client Scope	Saudi Embassy - Islamabad Saudi Embassy / EchoWest Lahore Supply of S R I Fire Hydrant & various Field Equipments for entire facility.
18	Project Client Scope	Eli Lilly Head Office - Dolmen Executive Tower Karachi Eli Lilly Pakistan / Shahab Ghani & Associates Supply, Installation, Testing & Commissioning of VIKING Fire Sprinklers for Eli Lilly Office Floor at D.E. Tower.
19	Project Client Scope	Honda Atlas Ware House - SITE Karachi Shirazi Investment-Atlas Group / Collaborative Design Supply, Installation, Testing & Commissioning of SRI Fire Hydrant System for entire Ware House.
20	Project Client Scope	Parsa Tower UNICON Builders & Developers Supply, Installation, Testing & Commissioning of BRISTOL Fire Hydrant System for entire Building of Parsa Tower.
21	Project Client Scope	Soorty Denim - Landhi Karachi Soorty Enterprises (Pvt.) Limited Supply, Installation, Testing & Commissioning of NAFFCO Fire Hydrant System for entire facility.
22	Project Client Scope	AQ. Khan Laboratories - Karachi University AQ. Khan Laboratories Supply, Installation, Testing & Commissioning of S R I Fire Hydrant System for entire Laboratory.



SELECTED REFERENCES:

23	Project Client Scope	HinoPak Motors - Karachi HinoPak Motors Limited Supply, Installation, Testing & Commissioning of S.R.I. Fire Hydrant System for AOP & BOP facility.
24	Project Client Scope	HinoPak Motors - Karachi HinoPak Motors Limited Supply, Installation, Testing & Commissioning of VIKING Fire Suppression for Paint Booth Shop of AOP facility.
25	Project Client Scope	NADRA Head Office - Islamabad MAK Associates / Design & Developers Supply of SRI Fire Hydrants, Hose Reels & various Field Equipments for entire Head Office.
26	Project Client Scope	P E M R A Office - Islamabad MAK Associates / Design & Developers Supply of S R I Fire Hydrants, Hose Reels & various Field Equipments for PEMRA Office.
27	Project Client Scope	LUMS - Lahore NES/A. Sadat & Company Supply of SRI Fire Hydrants, Hose Reels & various Field Equipments for entire University.
28	Project Client Scope	Barette & Hodgson - Lahore NES/A. Sadat & Company Supply of SRIFire Hydrants, Hose Reels & various Field Equipments for entire School.
29	Project Client Scope	Karachi University Total Construction / Karachi University Supply of Naffco Fire Hose Reels for new Department of Karachi University.
30	Project Client Scope	Boiler Equipments AND O & M Contract - HinoPak HinoPak Motors Limited Supply of Boiler House Equipments i-e Safety Valve, Guage Glass Assembly and O & M Contract with HinoPak.
31	Project Client Scope	Water Treatment Package - HinoPak HinoPak Motors Limited Supply, Installation, Testing & Commissioning of Skid Mounted Duplex Type Water Softening Plants for Hino.
32	Project Client Scope	Water Flow Metering & Control - Nakshbandi Nakshbandi textile Industries Supply, Installation, Testing & Commissioning of Process & Hot Water Flow Metering & Control.
33	Project Client Scope	Energy Conservation System - Al Abid Silk Al Abid Silk Milk Data Collection, Design & Pipe Sizing with complete Installation & Commissioning of Condensate Recovery
34	Project Client Scope	Utility Piping & Distribution System - Adamjee Adamjee Enterprises Data Collection, Design & Pipe Sizing with complete Installation of complete Utility Piping & Distribution System



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