



YUKON



ENCLOSED SAFETY SHOWER SYSTEMS



FOR THE PETROCHEMICAL INDUSTRY



From

GREAT LAKES INDUSTRIAL CONTROLS

Tel: 1-800-546-0705 E-Mail: glic@cogeco.net



ENCLOSED SAFETY SHOWER SYSTEMS

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GREAT LAKES INDUSTRIAL CONTROLS

STANDARD DESIGNS OR CUSTOM-BUILT TO YOUR SPECIFICATIONS

MATERIALS OF CONSTRUCTION

- A** Fire-Retardant Fibreglass Reinforced Plastic, Insulated With or Without Floor
- B** Corrosion Resistant Corrugated Steel, Insulated With or Without Floor

OPTIONS

- Variety of Audible Alarms
- Status Lights
- Comfort Heating
- Steam or Electrically Heated Tempered Water Systems
- Variety of Colors
- Standard or Custom Markings & Signage



SIZES

- 4' X 8' X 8'
- 5' X 10' X 8'
- 6' X 12' X 8'
- OR ANY SIZE YOU WANT

ELECTRICAL CLASSIFICATIONS

- NEMA 4 - 120 VAC
- NEMA 4 - 240 VAC
- CLASS 1 - DIV. 1 ALL GROUPS
- ALL OTHER HAZARDOUS AREAS

ELECTRICAL COMPONENTS APPROVALS

- CSA
- FM
- UL



WORLD CLASS QUALITY AT AN AFFORDABLE PRICE

GREAT LAKES INDUSTRIAL CONTROLS

Tel / Fax: 1-800-546-0705 E-Mail: greatone@tct.net

FOR A PROMPT QUOTATION PLEASE FILL OUT THIS APPLICATION DATA SHEET
AND FAX IT TO 1-866-766-8658

EMERGENCY EYEWASH & SHOWER EQUIPMENT QUESTIONNAIRE

COMPANY: _____ LOCATION: _____
ADDRESS: _____
PHONE: _____ FAX: _____
CONTACT: _____

UTILITIES

POTABLE WATER PRESSURE: _____ TEMPERATURE: _____
 TEMPERED (HEATED) WATER PRESSURE: _____ TEMPERATURE: _____
WATER LINE SIZE: _____
STEAM PRESSURE: _____
ELECTRICAL CLASSIFICATION: NON-HAZARDOUS HAZARDOUS NEMA
REQUIRED APPROVALS: FM UL CSA CUL

EYEWASH/SHOWER STATIONS

COMBINATION DRENCH SHOWER / EYEWASH _____
 EYEWASH ONLY _____
 DRENCH SHOWER ONLY _____
 HAND HELD DRENCH HOSE _____
 FREEZE RESISTANT _____
 SCALD PROOF VALVE _____

ALARMS

FLOW ALARMS _____
 VISUAL/AUDIBLE ALARMS _____
 RELAY TO D.C.S. _____

ENCLOSURES

OUTDOOR SHOWER ENCLOSURE WITH INTEGRAL WATER SOURCE (SIZE: 4' X 8' X 8'6" HIGH)
 OUTDOOR SHOWER ENCLOSURE WITH REMOTE WATER SOURCE (SIZE: 4' X 4' X 8'6" HIGH)
 INDOOR SHOWER ENCLOSURE (SIZE: 4' X 4' X 7' HIGH)

TEMPERED WATER SYSTEM FOR INDOOR OR OUTDOOR SYSTEMS

CONTROLLED TEMPERATURE TO EYEWASH / SHOWER: _____
TEMPERED WATER HEATER: STEAM ELECTRICAL

DESIRED DURATION OF TEMPERED WATER SUPPLY

15 MINUTES 20 MINUTES 30 MINUTES UNLIMITED

OTHER REQUIREMENTS:

Contact with dangerous chemicals can sometimes turn into an unexpected emergency situation. If not acted upon immediately, the situation can become life threatening or may cause loss of sight or permanent disfigurement. For this vital reason, first aid response equipment must work flawlessly - the first time and every time. This stressful situation can be alleviated by providing a warm environment and a constant supply of soothing warm water flush.

Years of design and manufacturing experience have led us to a faithful list of customers who have confidence in our ability to provide a quality product to help protect and prevent serious injury to their most important asset - people.

We provide the same detail to quality for each and every one of our products - from single eyewash systems to our most complex multi-station supply systems.

Quality to Us Means Consistently Meeting and Surpassing Standards

The Quality Assurance Program of Manufacturing is designed to meet the requirements of Z299.3-1985, Z299.4-1985 and ISO 9002 Quality Assurance Standards as set by the Quality Management Institute (QMI). The program assures that products or services conform to specified requirements and readily detects and controls the disposition of non-conformances.



A simple push-type hand-operated valve activates the eyewash unit.

Our suppliers are selected to adhere to our QA/QC standards allowing us to ensure our customers receive a product which is manufactured to ISO 9002 guidelines. Our QA/QC Program is third-party audited and registered with the Quality Management Institute (QMI).

All electrical systems conform to the most stringent requirements of all U.S. and Canadian electrical codes and can be manufactured for installation in all hazardous areas and explosion-proof destinations. All electrical components used in these systems are U.L. & C.S.A. approved.



Shower/eyewash major components are constructed of corrosion resistant ABS plastic, stainless steel or chrome plated brass.

'YUKON' Warm Water Supply Systems

Whether you select our electrically-heated or steam-heated systems, each and every component is selected to provide long-term reliable service. 'YUKON' warm water supply systems are further supported by temperature, flow and pressure fail safe back-up design.

Maximum Corrosion Resistance

'YUKON' enclosures are manufactured utilizing plastics, resins and coatings to optimize product life and reduce maintenance costs, even in the most corrosive environments.



By pulling on the large ring, the shower delivers 113.6 litres/minute (30.0 U.S. gallons/minute, minimum 30 psi) of tempered water for a minimum of 15 minutes.

The Ultimate 'YUKON' Outdoor Enclosure system

All equipment provided in our systems conforms to the requirements of ANSI Z358.1 (Latest Edition) for Emergency Eyewash and Shower Equipment.

The careful design of a wide range of alarm systems to back up each of the vital components will provide local or remote audible and visual annunciation.

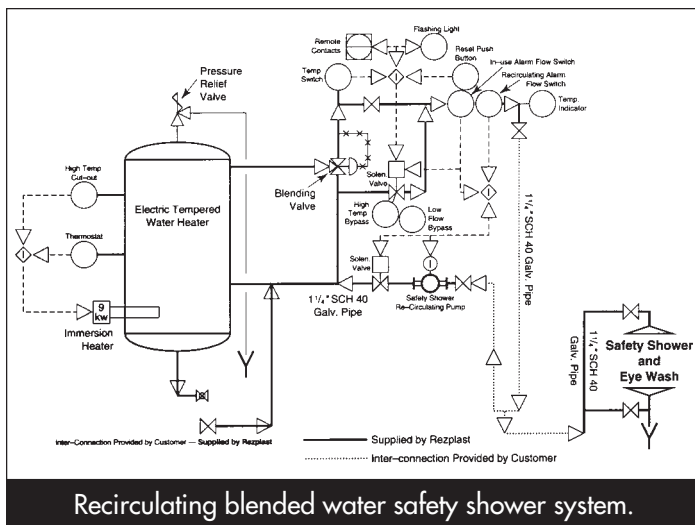
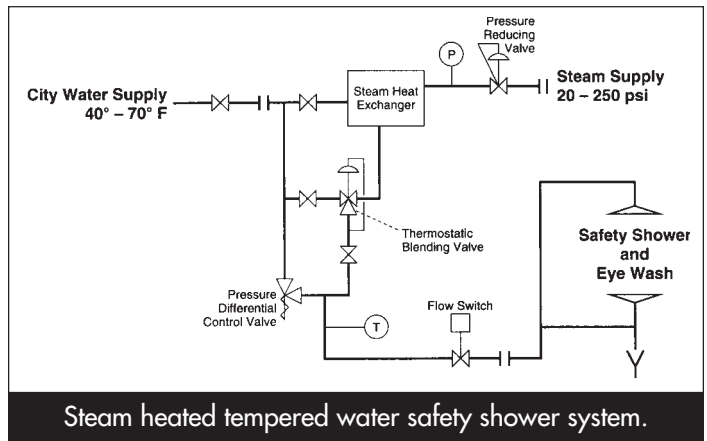
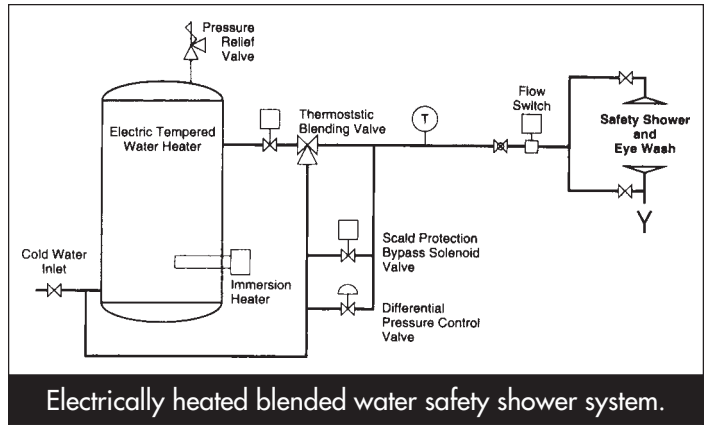
Customer Design and Manufacturing

We have recognized that many companies wish to maintain their own high standards and, in some cases, require special attention to meet these standards. This is customary for us. Our engineering staff generate a C.A.D. drawing of your new system for your personal approval.

Should you require an entirely new system, a complete plant survey, report and recommendations will be prepared for your evaluation and budgeting purposes.

Earning Your Confidence

Each of our Sales Representatives and our Distributors have been carefully selected and professionally trained to provide you with complete data regarding the 'YUKON' systems. Their efforts are further supported by our Qualified Technical Representatives and Engineering Support Team which will promptly respond to your situation.





Standard Specifications

*** OR CAN BE CUSTOM BUILT TO YOUR SPECIFICATIONS**

Standard Features - 'YUKON' Safety & Emergency Shower Systems

Outdoor Shower Enclosure — Integral Water Source

- Size: 4' X 8' X 8'6" high
- Moulded FRP, dual laminate structure
- 1" thick insulating core (R8)
- Premium corrosion resistant polyester resin
- Class 1 fire retardant as per ASTM E84
- Two part structure, bolted and sealed together at the centre of the unit using a proprietary UV inhibited gasket
- Standard exterior finish is "Safety Yellow"
- Interior finish is white
- Moulded FRP base is fitted with an integral catch basin as well as a 2" PVC drain assembly
- Standard drain assembly exits the right side of the unit
- Anti-skid floor area is provided in the shower area for user safety
- Integral forklift slots straddle the centre of gravity of the completed unit complete with anchor brackets
- Shower/eyewash station is accessed through two 16" X 78" doors hung on double acting hinges
- Each door is fitted with a 10" X 24" X 1/4" thick polycarbonate window
- Rear area of the unit houses the water heating and blending systems
- Two areas are separated by a 1/4" thick polycarbonate divider
- All hardware is corrosion-resistant where possible
- Units are supplied with appropriate ISO signage

Lighting and Alarm Systems

- Weatherproof, epoxy coated horn
- Red flashing light
- Dry contacts for wiring to remote annunciation
- Locate light
- Interior white light

Electrical and Heating Systems

- All electrical components CSA approved
- Unit pre-wired to an electrical panel for single-point connection to a customer-specified power supply
- .2 kW enclosure heater

'Comfort Blend' Water Supply System

- COMFORT BLEND water supply systems are temperature, pressure and flow sensitive. Designed as a three-way fail-safe tempered water system providing a constant flow of tempered water as well as eliminating the possibility of scalding or no-flow conditions
- System will supply tempered water for a minimum of 15 minutes at a flow rate of 30 US GPM. The water temperature is maintained within the ANSI Z 358.1 Appendix A suggested limits of 65 to 100 degrees F
- The 119 US gallon glass-lined water heater is insulated and protected with a heavy gauge steel jacket with baked enamel finish.
- Water in the pressure vessel is heated by a 9 kW, immersion heater to a preset temperature. The hot water in the tank is then blended with cold water to meet the temperature required at the shower/eyewash station
- Temperature/pressure safety relief valve
- Temperature indicator on the tempered water line
- Brass ball valves for system isolation, testing, maintenance
- Pipe and fittings are Schedule 40 galvanized
- Control valves are brass or bronze
- Magnesium tank anodes
- Manual reset high temperature cut-off

Outdoor Shower Enclosure - Remote Water Source

- Size: 4' X 4' X 8' 6" high
- Moulded FRP, dual laminate structure
- 1" thick insulating core (R8)
- Premium corrosion-resistant polyester resin- Class 1 fire retardant as per ASTM E84
- Structure is one-piece construction
- Standard exterior finish is "Safety Yellow"
- Interior finish is white
- Moulded FRP base is fitted with an integral catch basin as well as a 2" PVC drain assembly
- Standard drain assembly exits the right side of the unit
- Anti-skid floor is provided for user safety
- Integral forklift slots straddle the centre of gravity of the completed unit complete with anchor brackets
- Shower/eyewash station is accessed through two 16" X 78" doors hung on double acting hinges
- Each door is fitted with a 10" X 24" X 1/4" thick polycarbonate window
- All hardware is corrosion-resistant where possible
- Units are supplied with appropriate ISO signage

Lighting and Alarm Systems

- Weatherproof, epoxy coated horn
- Red flashing light
- Dry contacts for wiring to remote annunciation
- Locate light
- Interior white light

Electrical and Heating Systems

- All electrical components CSA approved
- Unit pre-wired to an electrical panel for single-point connection to a customer-specified power supply
- 1.5 kW enclosure heater

Indoor Shower Enclosure

- Size: 4' X 4' X 7' 0" high
- Moulded FRP structure
- Non-insulated
- Premium corrosion-resistant polyester resin
- Class I fire retardant as per ASTM E84
- Structure is one-piece, three-walled, open-topped
- Standard exterior finish is "Safety Yellow"
- Interior is white
- An integral floor flange is provided for anchoring to floor or base
- Shower/eyewash station is accessed through a heavy duty modesty curtain on the fourth side
- All hardware is corrosion-resistant where possible
- Units are supplied with appropriate ISO signage

Lighting and Alarm Systems

- Weatherproof, epoxy coated horn
- Red flashing light
- Dry contacts for wiring to remote annunciation
- Locate light

Electrical Systems

- all electrical components UL and CSA approved
- Unit pre-wired to an electrical panel for single-point connection to a customer-specified power supply

For additional information contact...

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Port Huron, MI 48060

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