



ROHN® CONCRETE EQUIPMENT SHELTERS GENERAL SPECIFICATIONS (Continued)

5.0 Specifications (Continued)

5.2.7 Admixtures to be used in concrete shall be subject to prior approval by the quality control supervisor and shall be shown capable of maintaining essentially the same composition and performance throughout the work as the product used in establishing the concrete proportions in the mix design.

5.2.7.1 Air-entraining admixtures shall conform to "Specifications for Air-entraining Admixtures for Concrete," ASTM Designation: C260.

5.2.7.2 Water reducing admixtures, retarding admixtures, accelerating admixtures, and water reducing and accelerating admixtures shall conform to "Specifications for Chemical Admixtures for Concrete," ASTM Designation: C494.

5.2.7.3 Fly ash or other pozzolans used as admixtures shall conform to "Specifications for Fly Ash and Raw or Calcined Natural Pozzolans for Use in Portland Cement Concrete," ASTM Designation: C618.

6.0 Sealing

6.1 Joints

6.1.1 All joints shall be sealed with a compressible, resilient sealant.

6.1.2 There shall be no exposed roof to wall or wall to floor joints.

6.2 Exterior walls and roof

6.2.1 Exterior surfaces of walls and roof shall be sealed with two coats of Thoroglaze H Sealer, or acceptable equal in strict conformance with manufacturer's instructions, unless otherwise noted.

7.0 Door

7.1 Frame

7.1.1 Door frame shall be 16 gauge galvanized steel, primed, painted, and cast into the wall panel.

7.2 General

7.2.1 Door shall be 3'x7'x1-3/4" 18 gauge galvanized, steel, insulated, primed, painted brown and installed flush with door check, door stop, weatherstripping, mortise lockset and stainless steel ball bearing hinges. Bullet resistant door can be supplied as an option.

8.0 Design loading

Shelter shall be designed for the following loading:

8.1 Floor

8.1.1 Per ASCE 7-88 Uniform Distributed Load of 140 lbs. per sq. ft. or optional as per customer specifications. Higher concentrated loads are available for heavy equipment.

8.2 Roof

8.2.1 Per ASCE 7-88 Roof Snow Load Specification of 50 lbs. per square foot or optional as per customer specification.

8.3 Wind

8.3.1 Per ASCE 7-88 Basic Wind Speed Specifications of 115 MPH or optional as per customer specifications.

8.4 Earthquake

8.4.1 Shelters shall be designed for the most stringent earthquake rating conditions, ASCE 7-88 Zone 4.

9.0 Electrical system

9.1 Installation and wiring

9.1.1 Electrical installation and wiring shall conform to the latest edition of the National Electrical Code and shall consist of the following as a minimum: Surface mounted EMT conduit; grounded duplex outlets, one every 4' on 3 walls; fluorescent lights (two bulb fixtures) with inside switch; 100 amp 120/240 vac main; 20 position breaker box with 12 single pole 20 amp breakers. (note: 230 volt, 50 cycle with incandescent lights available upon request.)

10.0 Additional provisions

10.1 Special designs and options

10.1.1 Special designs and options available upon request.

10.2 "Turn key" systems

10.2.1 Totally engineered "turn key" systems available on request.

10.3 Shipping, and installation

10.3.1 Items extending beyond the shelter which will exceed legal shipping widths and/or heights, including air conditioners, hoods, etc., shall be prefitted and packed inside the shelter for shipment. These items shall be installed in the field by others unless otherwise indicated.

10.3.2 Shelters are F.O.B. Bessemer, AL. Delivery costs are based on normal accessible installation sites. Special handling equipment (i.e. cranes, helicopter) or special local permits or requirements are not included in delivery cost. Off loading shelter from shipping equipment is the responsibility of others unless otherwise stated in the proposal.

10.3.3 ROHN cannot be responsible for delays in shipping caused by state or local agencies with regard to permits, routing, weather, detours, etc. ROHN will attempt to deliver on time, either on ROHN equipment or via common carrier. ROHN will be unable to account for abnormalities caused in shipping which are beyond ROHN's control.

10.3.4 Freight quotes are firm for 30 days. Additional mileage charges will be invoiced when site location is farther than purchaser specified location. Promised delivery date for oversized shelters that require special trailers will be subject to availability of equipment from freight company. Purchaser shall be responsible for additional charges when an alternate freight company is specified by the purchaser.

10.3.5 Shelter shall have cast in permanent lifting devices so that additional parts or bolt-on devices are not required for lifting the shelter.

10.4 Source inspection

10.4.1 Quotes for source inspection and individual state approval are available on request.