



COMPANY PROFILE

Ronan Engineering, a privately held California corporation founded in **1959**, has enjoyed continuous growth over the years as a result of innovative management dedicated to the fulfillment of our customers' needs.

We pride ourselves in supplying quality products with excellent mechanical design and state of the art electronic circuitry to monitor and display industrial plant conditions in diverse industries.



Our domestic and internationally based engineering and manufacturing capabilities allow us to quickly service our customers' requirements with a large variety of standard products and customized systems in the most economical terms.

Proven product reliability, consistent after-sales service, and our willingness to apply corporate resources to solve problems, has given us recognition in both the material processing and power industries.

Starting with Relay Alarm Systems (annunciators), Ronan made the obvious technological progression by manufacturing the first solid-state integrated circuit type annunciator on the market, assuring virtually unlimited system life.

In keeping with rapidly changing electronic component development, Ronan was first to introduce a stand-alone microprocessor controlled annunciator, enhancing reliability, mechanical packaging density, and ease of operation. Continuous research and development has kept Ronan's product line the most advanced in the industry.

Ronan's products include annunciators, serial alarms, temperature transmitters, calibrators, level and flow instruments, current and pressure transducers, leak detection equipment, intrinsically safe barriers, sequence of event recorders and nuclear instrumentation.

Ronan Engineering has full Sales, Service, Technical and Engineering Support in all locations.

ISO 9001:2008



Ronan's Quality System received ISO 9001:2000 certification from Perry Johnson Registrars in November 2003. Ronan's Quality Management System (QMS) maintains effectiveness through internal and external audits conducted by Ronan, PJR, third party agencies and customers.

Ronan's Quality Management System is designed to meet a broad spectrum of quality system standards. The Ronan quality system possess a solid foundation of implemented ISO policies and nuclear quality requirements. The Ronan QMS has been established and adapted to work at various quality levels to meet the changing needs of customers. Ronan continues to reinvent and change the QMS to meet customer expectations.

Ronan utilizes modern quality assurance techniques and integrates them with a program that corrects and prevents quality problems.

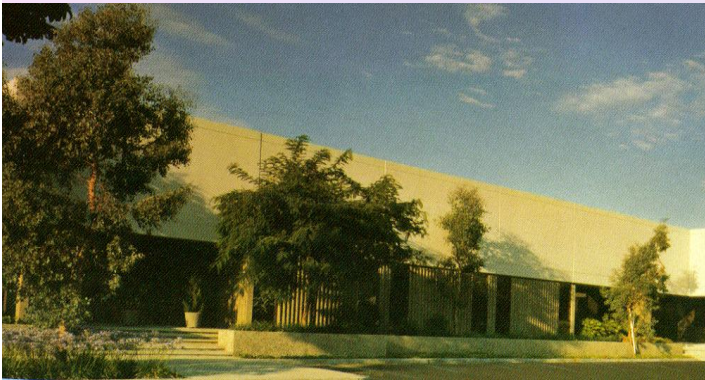
Ronan's quality system is supported by qualified and experienced employees who have played a vital role in creating a successful quality management system. The Ronan QMS promotes quality consciousness throughout the company and assists employees in contributing to the enhancement of product quality.

Through years of continued product performance, Ronan has established a solid history of product reliability. Product surveys and customer input have led to progressive approaches in the design of state of the art products.

Our engineering staff continuously works to improve product designs to meet the changing quality needs of its commercial business, nuclear power and petrochemical customers. Ronan's extensive in-house and independent test procedures make it possible to produce a certified line of equipment that meet industry standards such a NEMA, SAMA, ANSI, IEEE, ISA, CE, ATEX, IEC, UL, FM, and CSA.

Research and development's approach to creating new products goes beyond meeting design input requirements to satisfy customer expectations. Product specifications and performance characteristics of new products are derived from market research, which in turn is based on perceived customer need and preference.

Ronan manufacturing divisions



RONAN ENGINEERING COMPANY
(Corporate Headquarters)
28209 Avenue Stanford
Valencia CA 91355 USA



RONAN ENGINEERING COMPANY
8050 Production Drive
Florence KY 41042 USA



RONAN ENGINEERING LTD. UK
1 Tilley Road, Crowther Industrial Estate
Washington, Tyne & Wear NE38 OAE United Kingdom



Alarm Display



» **Annunciators**

The Visual Annunciator Systems are utilized to display plant or process status by lighting individual windows.



» **Fault Finders**

These are designed to monitor individual dry or live contacts, logic levels, typically wired to individual contacts.



» **Protocol Converter (X120-400)**

Ronan X120-400 Data Converter Unit provides Protocol Translation between MODBUS, Allen Bradley and Ronan equipment



» **Mosaic Graphic Display**

The surface of the mosaic tile graphic is silk screened or engraved with a customized layout depicting the processes.



» **Lamp Boxes**

The Ronan Lamp Displays are available equipped with redundant lamps or Light Emitting Diodes (LED's) per window.



» **Annunciator (Serial Input)**

Serial Input Visual Annunciators provide for a more economical and advanced technical approach than a conventional.



» **Sequence of Events Recorders!!!NEW!!! X500F**

The new Ronan X500F Sequence of Events Recorder provides the Power Generation, Power Distribution



» **Indicators**

Lamp cabinets offer design flexibility and virtually maintenance-free operation.

I/O Products



» **Loss of Motion Detector**
Low Initial Investment, Operates in Adverse Environments, Simple to install, No Moving Parts to Wear Out.



» **Transmitters**
The X54-200 and X54-3000 Series products provide 2 and 4-wire transmitter, alarm trip and current-to-current isolator functions.



» **Process Monitors**
Systems that include signal conditioning, alarm, digital readouts, & re-transmission of plant & process variables.



» **Digital Indicators**
Ronan's X54-200 series is an industrial grade family of Loop-Powered Indicators.



» **Signal Conditioners**
Signal Conditioners with In-Circuit Calibration and High Panel Density Equals Lower Costs and Easier Installation



» **Intrinsic Safety Barriers**
An Intrinsically Safe Barrier is a device which limits the energy which is delivered from a safe into a hazardous area.



» **Calibrator**
Ronan has been a major supplier of high-accuracy and high-reliability calibrators since it's 1st model, the X85 in 1970.



» **I/P & P/I Transducers**
Utilizing advanced solid-state technology, these pneumatic instruments provide high reliability and accuracy.

Leak Detect



- » **CSLD & Inventory Management**
The system meets and exceeds EPA State and Federal regulatory requirements for leak detection.



- » **Single or Double Wall Line Monitor**
The system generates an alarm and may shut down specific facilities if preset parameters are exceeded.



- » **Above Ground Tank Monitor**
The X76AST-4X, Three-Channel Leak Detection System, is designed to give years of reliable trouble-free operation.



- » **Probes and Detectors**
Ronan offers a wide variety of quality probes and detectors for our industry leading Leak Detection Systems.



- » **Environmental Management**
Ronan Engineering's Wide Area Automated Facility Monitoring (WAAF) System.



- » **Hydrocarbon Vapor Monitor**
It measures the vapor concentration in vadose wells, groundwater wells or secondary contained vessels.



- » **Leak Detect. & Inv. Management**
Systems assure you of accurate and dependable performance no matter what your application

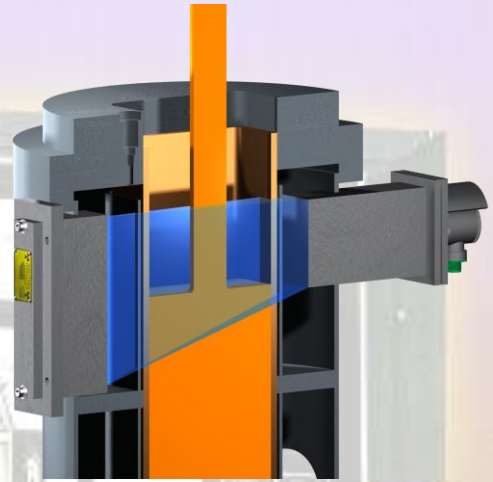


- » **!!!NEW!!! Portable HydroStatic Tester**
The Ronan X76CTM-P is an accurate, portable leak measurement instrument designed to meet and exceed the requirement of new hydrostatic testing in service stations.

Non Contact Measurement

Ronan Radiometric Measurement Systems are ideal for difficult process applications including:

- Continuous Level
- **Mold** Level
- Point Level
- Interface Level/Density
- Density, Mass Flow
- Continuous Weight Measurement



Ronan systems provide accurate measurement in the most extreme process environments including:

- | | |
|-------------------------|------------------|
| – Mining and Aggregates | – Power |
| – Refining, Oil and Gas | – Chemical |
| – Metals | – Pulp and Paper |
| – Dredging | – Cement |
| – Food and Beverage | |

Ronan Measurements Division is the only company exclusively dedicated to manufacturing Radiometric Measurement systems.

Everything we do is focused on helping our customers solve their most complex process measurement challenges.

A worldwide network of dealers, 24-hr factory certified Field Service Engineers and an experienced staff of Applications Engineers are ready to assist with any measurement need.

