

## EHS Support for the Agricultural Processing, Food & Beverage Industries



**Trinity Consultants** is a leading global environmental consulting firm that brings 50 years of experience providing services and solutions in the EHS Regulatory Compliance, Built Environment, Life Sciences, and Water & Ecology markets. Trinity has the technical expertise, industry depth, and specialized capabilities to help clients achieve their goals across the natural and built environments.

Well known for our expertise in air quality regulations and permitting requirements, we have expanded to meet clients' multimedia and health and safety needs. Although our breadth of services has evolved, we have never wavered in our commitment to providing high quality solutions to our clients, with exceptional client service.

With more than 120 offices worldwide, Trinity Consultants® (Trinity) provides a unique blend of consulting services, technology solutions, staffing support, and professional training to meet client needs in areas related to environmental, health, and safety (EHS), process engineering, and life sciences.

Founded in 1974, Trinity Consultants is an international firm strategically positioned to assist with critical EHS issues affecting the agricultural processing and food and beverage sectors. We take pride in understanding not only the regulatory issues and challenges affecting your operations, but also understanding your industry and processes involved in producing products. We have extensive experience with regulatory compliance, environmental management, and sustainability requirements having completed more than 16,000 projects supporting more than 7,000 unique client sites annually from offices across the U.S., Canada, the U.K., Ireland, Singapore, India, China, and Australia.

### Environmental Permitting and Compliance

Strategic and timely environmental permitting assistance requires deep understanding of the related regulations, the client's operational processes, and the local regulatory environment. In addition to complex air permitting projects, we have provided broad assistance including TRI support, Tier II reporting, SPCC, SWPPP, and NPDES permitting and compliance, hazardous waste reporting, and industrial hygiene analysis. We are well-versed to assist facilities with management of change issues that are unique to food and beverage facilities. We also act as advocates for food and beverage companies and have successfully negotiated compliance concerns with EPA, state agencies, and localities.

### Auditing Services

Trinity has provided auditing services for many food and beverage facilities, including when one company has acquired another



company. We can assist in ensuring that all aspects of environmental compliance at food and beverage facilities are being addressed. Assistance with reporting through the EPA Audit Policy and comparable state programs has been conducted for multiple clients.

### Refrigerant Management

For facilities that use large refrigeration units, Trinity assists with auditing records for compliance, developing internal procedures, preparing chronic leaker reports, and populating our Refrigerant Tracking Tool spreadsheet to maintain all required records for the facility. We help determine which appliances are covered by the regulation and which are now exempt from the leak repair provisions, keeping in mind that some of the rule requirements, including the sales restriction, technician certification requirements, reclamation standards, disposal standards, and requirements to use certified recovery equipment continue to apply to non-exempt substitutes.

### Combustible Dust Hazard Analysis (DHA)

The National Fire Protection Association (NFPA) publishes standards providing guidance on dust explosion prevention and mitigation. Trinity's combustible dust experts have the knowledge to identify potential dust ignition sources, to evaluate the likelihood of a combustible atmosphere in/around certain equipment, and to recommend appropriate mitigation techniques. During a DHA:

- A list of equipment is developed
- Fire and explosion hazards are identified
- Credible ignition sources are identified
- Consequences are identified
- Risks are evaluated
- Recommendations to reduce risks are documented

## Sanitation Chemical Usage

Some states regulate the amount and types of sanitizers and cleaners that can be used at food and beverage facilities. We assist subject facilities with worst case usage plans for these necessary sanitation chemicals to comply with state and local regulations while ensuring food and worker safety.

## Climate Change and Sustainability Support

Trinity Consultants provides comprehensive climate change and sustainability program support by helping our clients build their climate change programs in tandem with their compliance programs, which increases the efficiency for data gathering and reporting activities. Trinity's decades of environmental expertise means we are qualified to support clients at any point in their climate change initiative process – strategy development, baseline quantification, program implementation, and regular reporting on a number of disclosure frameworks. Following are the various areas we can help:

- Greenhouse Gas (GHG) emissions and carbon reduction management
- Non-GHG air quality management
- Energy management (usage, intensity, mix)
- Water and wastewater management
- Waste and hazardous materials management
- Life cycle analysis and product carbon footprint (including environmental product declarations)
- Data acquisition and analytics for performance tracking

## Technology Based Compliance Solutions

Trinity knows how much the world has changed when it comes to data management and environmental compliance. Over the last 20 years, Trinity's Digital Solutions team has developed innovative technology-enabled solutions to support clients' EHS programs. With exceptional expertise in regulatory requirements, information technology, and industry best practices, Trinity is ideally suited to provide cost-effective solutions to your EHS data management challenges. We help organizations analyze, plan, design, implement, deploy, and sustain technology-enabled EHS business processes. From custom solutions to assisting with implementing third-party software, Trinity's Digital Solutions team has the experience to make your implementation successful.

## Spill Prevention Control and Countermeasure

Sites that have more than 1,320 gallons of aboveground oil (including animal and vegetable oils) stored in containers greater than or equal to 55 gallons are subject to the EPA's Spill Prevention, Control and Countermeasures (SPCC) rule within EPA's Clean Water Act. The purpose of this rule is to help facilities prevent an oil discharge and provide spill response procedures. Trinity has prepared enough SPCC plans to understand the compliance challenges faced by other facilities. In addition, our involvement during agency inspections

allows us to share important insights on plan deficiencies that a facility may have in the future. Trinity's SPCC experts can help with plan preparation, plan review, plan execution, compliance audits, and secondary containment evaluations.

## Why Choose Trinity

In short, there's no better choice for your food and beverage EHS compliance needs. Whatever your challenge, Trinity has the experience and insights to provide intelligent solutions to optimize environmental performance. Our knowledge and experience across a wide range of industry EHS issues make us an excellent partner on these issues.

**ISO 9001:2015 certified at our corporate office in Dallas, Texas**

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### CONTACT OUR TEAM!

For more information about how we can help your organization, please contact us.

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