



SHIP & SHORE  
ENVIRONMENTAL, INC.



SHIP & SHORE  
ENVIRONMENTAL, INC.

# Thermal Oxidation Technology & Waste Heat Recovery Systems

By: Ship & Shore Environmental, Inc.



# Barge Degassing Steam & Inert Gas Generating Thermal Oxidizers

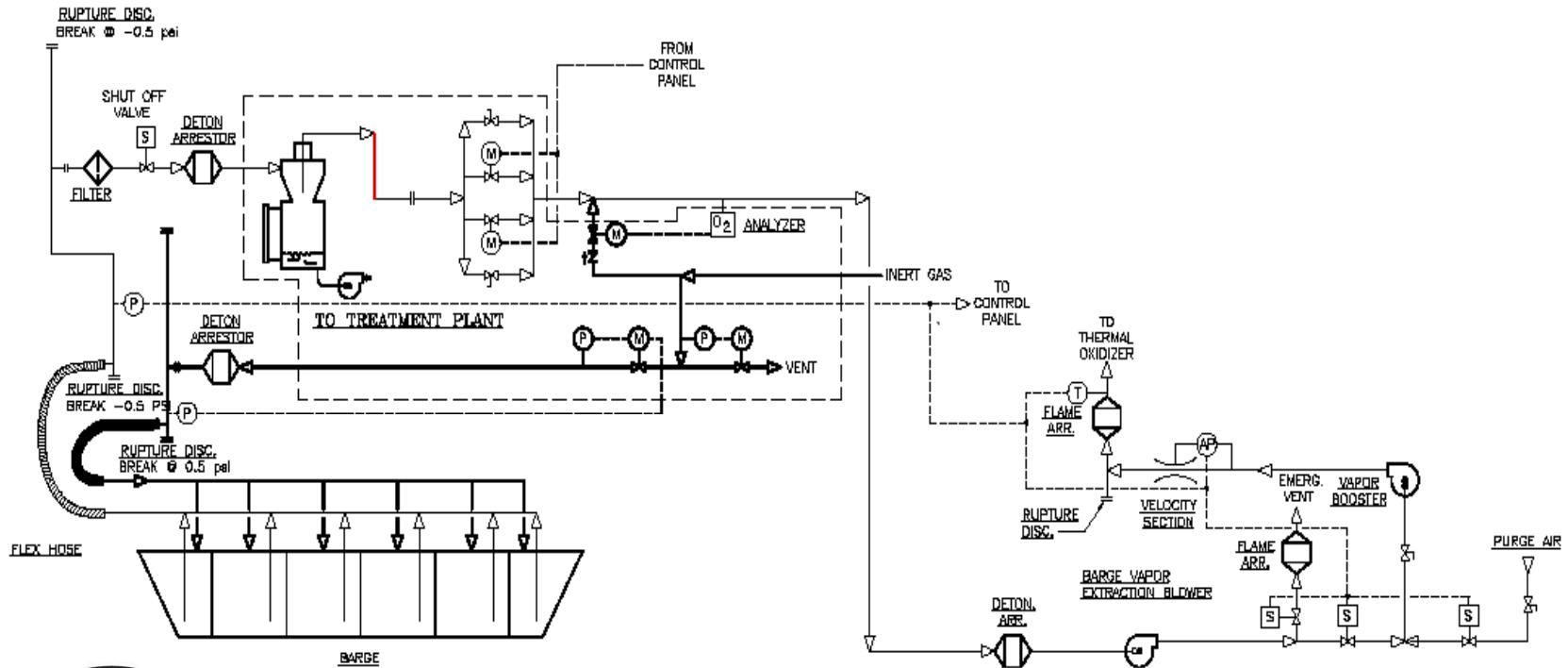




# Typical Technologies

- ◎ Methods
  - ◎ Flare
  - ◎ Oxidation

# Collection System



DATE	REVISION	DESCRIPTION	DATE	BY	REV	DESCRIPTION	DATE	BY	REV

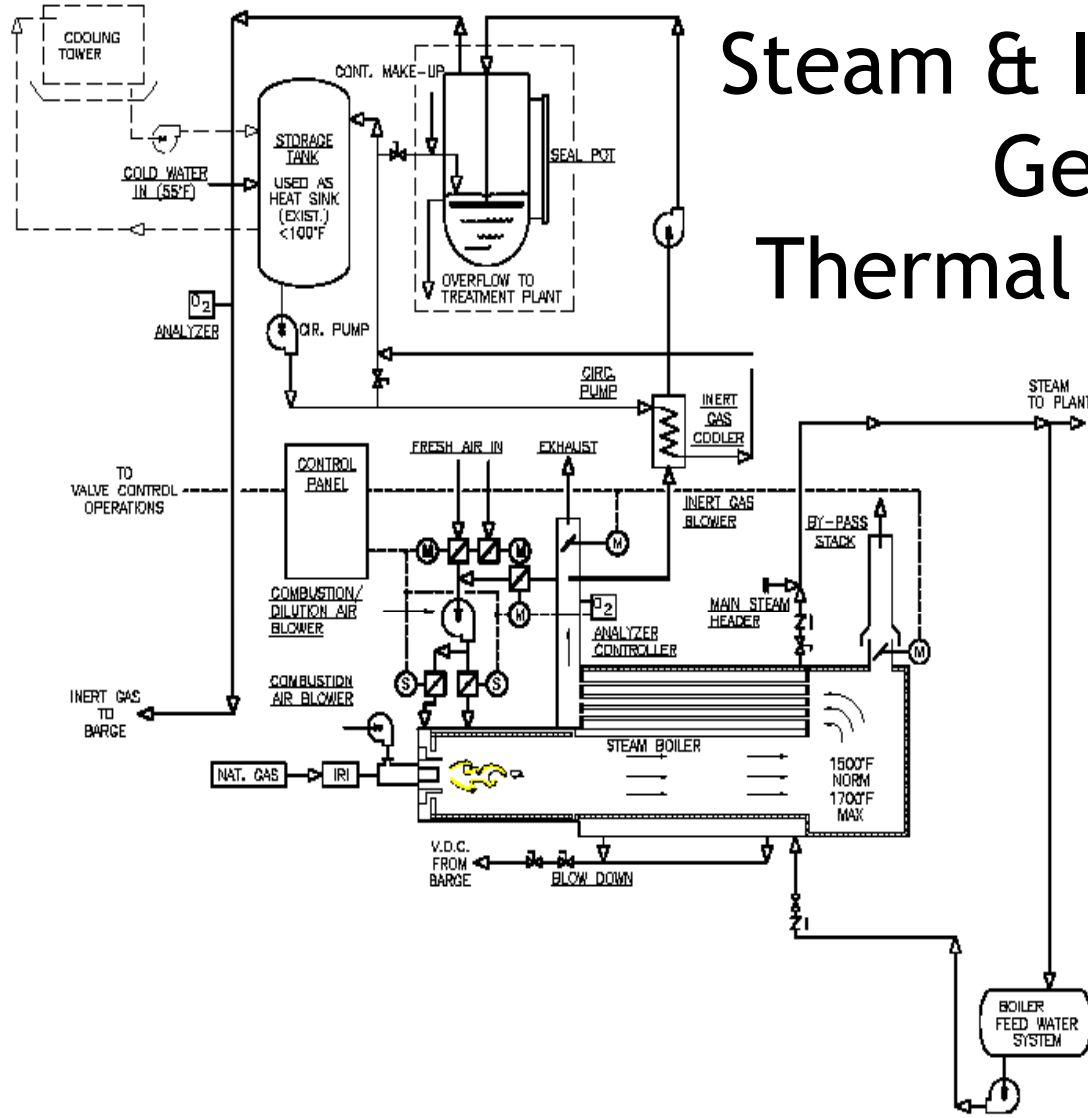
THIS DRAWING CONTAINS PROPRIETARY AND CONFIDENTIAL INFORMATION OF S&S AND SHOULD NOT BE DISCLOSED OR USED FOR THE BENEFIT OF OTHERS WITHOUT WRITTEN PERMISSION OF S&S ENVIRONMENTAL, INC.



SHIP & SHORE ENVIRONMENTAL, INC.  
 2700 N. FLEMING - SUITE 200 - DENVER, CO 80216  
 TEL: (303) 751-9200 - FAX: (303) 751-9201

DATE	BY	REV

# Steam & Inert Gas Generating Thermal Oxidizer



NO.	REVISION	DATE	BY	CHKD	REV	DESCRIPTION	DATE	BY	CHKD

THE DRAWING CONTAINS PROPRIETARY AND  
 UNCLASSIFIED INFORMATION OF S&S AND  
 S&S ENVIRONMENTAL, INC. AND SHALL NOT  
 BE DISCLOSED OR USED FOR THE BENEFIT  
 OF OTHERS WITHOUT PRIOR WRITTEN  
 PERMISSION OF S&S AND S&S ENVIRONMENTAL, INC.

**S&S ENVIRONMENTAL, INC.**  
 2074 N. FLEMING - LONG BEACH, CA 90801  
 TEL (562) 491-9200 - FAX (562) 491-9200

DATE: 01/15/00  
 DRAWN BY: J. J. JONES  
 CHECKED BY: J. J. JONES  
 PROJECT: FLOW CONTROL

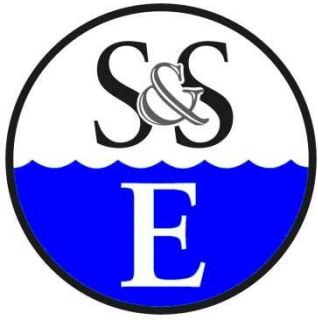






# Safety & Environmental Regulations

- ⊙ Department of Homeland Security Coast Guard
  - ⊙ § 39.2015 Tank barge pressure-vacuum indicating device
  - ⊙ Subpart 39.3000 – Vapor Collection Operations During Cargo Transfer
- ⊙ EPA
- ⊙ 1-96 NAVIC CFR    Law in July of 2016    CFR 154 Subpart P
  - ⊙ Safety    Marine Vapor Control Systems
    - Enrichment
    - Inerting
    - Dilution



# INDUSTRIES SERVED

- Barge Degassing (Shipyards)
- Bulk Solvent & Gasoline Terminals
- Can & Coil Coating
- Chemical & Petrochemical
- Composite Material Manufacturing
- Commercial Printing
- Electronic Parts Manufacture
- Expanded Polystyrene (EPS)
- Fiberglass (Styrene) Operation
- Flexible Package Printing
- Film/Adhesive Coating
- Landfill Biogas
- Pharmaceuticals
- Rendering & Food Processing
- Refineries/Chemical Plants
- Resin & Coating Manufacturing
- Soil Remediation
- Waste Water Treatment
- Aerospace





# CONTACT INFORMATION

[www.ShipandShore.com](http://www.ShipandShore.com)

[Sales@shipandshore.com](mailto:Sales@shipandshore.com)

John von Bargaen, VP

562-997-0233

2474 N Palm Drive

Signal Hill, CA 90755

# POLLUTION CONTROL EQUIPMENT

- Design
- Engineering

## Fabrication

- Installation
- Service



**SHIP & SHORE  
ENVIRONMENTAL, INC.**

2474 N. Palm Drive • Signal Hill, CA 90755  
Tel: (562) 997-0233 • Fax: (562) 997-0604