The International Liquid Terminal Association's (ILTA) 28th annual international operating conference & tradeshow will be held from June 9-11, 2008, in Houston, Texas

Time for the top TEXAS TERMINAL tradeshow

There will be 27 new exhibitors this year, with total numbers exceeding 200, showcasing an array of equipment and services specific to the industry.

The major themes for the two-day conference include emissions controls, renewable fuels, operations/industry updates, management and business issues, and environmental, health, safety and security. Post-conference workshops will run from June 11-12, addressing subjects on air emissions 2008 update, introduction to tanks, advanced tanks - air emissions, and effective communications.

ILTA intends to develop and maintain ongoing education and training programmes for its members that includes in-depth seminars, online resources, committee-based research and evaluation. ILTA represents 76 companies and partnerships that operate bulk liquid storage terminals in the US and 41 countries.

Mesa Rubber, a division of Mesa Industries, is an ISO 9001:2000 certified manufacturer of products for the petroleum and aboveground storage tank (AST) industries. Mesa's AST Product Division offers a complete line of products for new construction and maintenance of internal and external floating roof

The Mesa Foam Delivery System **(FDS)** is an efficient method to extinguish rim fires on floating roof storage tanks

storage tanks. Key product lines range from floating roof drains, flexible pipe systems to emission controls, including curtain seals, gauge pole covers and roof leg socks.

The Mesa Foam Delivery System (FDS) is an efficient method to extinguish rim fires on floating roof storage tanks located in refineries, pipelines and marketing tank terminals. Mesa's FDS is designed to provide fast delivery of fire extinguishing foam through pipelines in the centre of the tank and directly out to the tank rim areas.

From the proportioning and pumping equipment positioned outside the dike wall, a high back pressure foam generator is used to direct fire extinguishing foam through rigid pipe to the base of the tank shell. The pipe passes through the tank shell and extends to a point near the centre of the tank.

A Mesa Resist-All-Clad smooth bore flexible foam line is attached to the rigid pipe within the tank and is connected to a double flanged spool piece mounted to the roof. On top of the roof, a multiple port foam distribution manifold is mounted to the spool piece. This manifold is sized according to NFPA guidelines, which determine the required G.P.M. and number of discharge outlets for the tank's diameter and seal rim space area. From the distribution manifold outlets, flex-connectors and radial piping are used to transport the foam across the floating roof directly to the rim seal area regardless of the position of the roof.

The primary and secondary roof seal area is a critical point in the system design. Above seal applications require a foam dam and normally a longer discharge time. If the tank is equipped with a secondary seal made from a non-combustible material, the foam can be discharged below the secondary seal and will not require a foam dam. This enables the system to discharge 100% of the foam over the rim seal area in the shortest time.

Net Safety Monitoring's Phoenix Triple IR flame detector provides the reliable and instantaneous flame detection response that is required in high-risk applications while using advanced technologies to reduce false alarm events and provide rock-solid performance in any environment.

The Phoenix will only alarm when input conditions from three distinct IR wavelengths found in fires are satisfied. The Phoenix also incorporates the company's unique Automatic Digital Zoom (ADZ) technology, which provides accurate detection of small and massive flames in the most difficult working situations where other detectors fail. Three precisely

Net Safety Monitoring's Phoenix Triple IR flame detector