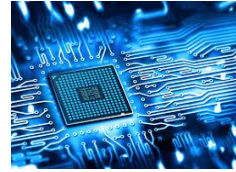


TRAINING COURSE

TDS-018 Issue 01 Zitel Technical Bulletin



Thank you for your interest in Zitel - we are a UK based manufacturer of PAGA / MBS and Intercom products. Our systems are mainly designed for use in the Military, Marine, Hazardous Oil, Gas and Petrochemical industries.

This technical document describes the first line training course available for engineers who will be maintaining the Zitel ZEST Public Address and General Alarm / Main broadcast System.

PAGA / MBS TRAINING FIRST LINE

Subjects covered include:-

- Zitel PAGA architecture
- Loudspeakers Internal / External
- Flashing beacons
- Microphone access units / Soft / Hazardous, Non Hazardous
- Amplifiers / Class G amplification
- Supervision / fault reporting
- Hazardous area Certification, Explosion proof protection,
- Basic Acoustics
- PAGA configuration
- Installation
- Maintenance
- Safety

Qualifications

The attendees shall be English speaking and shall be educated to ONC level / BTEC National certificate level 3 or equivalent in Electro-technical Systems.

Duration

The course duration is two consecutive 8 hour days start time 9.00 am finish 6.00pm with a one hour break at lunch time.

Location

The training course is available in the factory at Rolleston Drive, Nottingham, England or can be staged at client's nominated site.



Number of delegates

The maximum number of delegates that can be accommodated on this course is four.

ZITTEL LIMITED

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What's included:-

A competent trainer versed in the Zitzel PAGA system product range

Training materials – hardcopy of training notes

A soft copy of the training course

Letter of invitation

Lunch

A certificate awarded to those individuals who achieve an exam pass mark

What's not included

Travel and insurance costs to / from the training location

Hotels and subsistence

Costs for Visas and other travel documentation

Agenda

Day 1

Morning

Brief history – necessity born out of disaster

Classification societies, IMO SOLAS, rules / regulations, PFEER, NORSOK

PAGA System architecture

Key components of the PAGA system

Afternoon

System operation

Interfaces to other systems

Setting to work

Day 2

Morning

Acoustic principles / loudspeaker and flashing beacon coverage

Field device wiring architectures – loop / star / radial cable networks / volt drop

Power supply requirements

Afternoon

Installation, commissioning, maintenance

Hazardous area principles

Safety considerations

Exam

Information is delivered in a structured but informal manner with question / answer sessions encouraged throughout the presentation.

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