



Gallagher Perimeter Fence Installer Course - G18200



Introduction

This document presents the structure and processes of Gallagher perimeter security pulse fence installation for Channel partners. The order reflects near “Real World” configurations when commissioning Gallagher perimeter security pulse fence solutions.



Goals

The Gallagher Perimeter Fence Installer training program based on this outline will present Gallagher and the procedures necessary to configure and install:

- Introduction to Gallagher’s
- Codes of practice for installation of Gallagher perimeter security pulse fence.
- Safety standards required when installing Gallagher perimeter security pulse fence.
- Gallagher perimeter security pulse fence solutions.
- Gallagher fence controller perimeter security configurations.
- Gallagher Fence Integrity Monitor security configurations



Outcome

- Accredited as a “Competent Gallagher Fence Installer”
- Understand Gallagher components and how to design and build Gallagher pulse fence security systems
- Understand system relationships and be able to manipulate systems to support client requirements



Intended Audience

- Fence Installers
- Perimeter Technical Sales
- Integrator Technicians



Prerequisite

Must be a certified or nominated Gallagher perimeter security fence Channel Partner.

Preferred

- Have an understanding of fence structural techniques
- Have a basic electrical understanding.



Procedures covered in training

Gallagher Perimeter Fence Installer Course is a two day course covering the following procedures and skills. Training procedures include the correct use of hardware needed for the installation of Gallagher perimeter security pulse fence. The course and installation procedures adhere to the Gallagher perimeter security electric fence code of practice.

Topics

- Introduction to Gallagher
 - Gallagher's guiding principles
- Gallagher perimeter security electric fence code of practice
 - Applying the Gallagher perimeter security electric fence code of practice when designing installs
- Applications of perimeter security pulse fences.
 - Site survey to determine the customers requirements
 - Modular component application to allow for Bill of materials generation
 - Special construction applications for real world sites (Gates, Ducting, Earth systems)
- Physical fence structural considerations
 - Physical fence issues that can be overlooked during a survey
 - Remedial work to bring an existing fence up to an acceptable standard for the application of the Gallagher perimeter security pulse fence.
- Energizers and energy
 - Theory about how an electric fence controller works and why it's output is safe to touch
- Configuration diagrams
 - Practical learning of how to configure a Gallagher perimeter security pulse fence wires to encompasses the customer needs
 - Complex configuration to cover unusual constructions
- Practical fence wiring

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- Wire a sample fence using the latest Gallagher product and learn how to apply each component for an effective application
 - Gallagher Fence Controller systems installation
 - Configure a F32 / F42 fence controller as per the samples site customer needs.
 - Test the fence with a Gallagher DVM and become familiar with the products operation.
 - Synchronisation of the fence controller (with others in the room) to ensure the attendee can meet safety requirements and the needs of the Gallagher perimeter security electric fence code of practice
 - Fence Integrity Monitor (FIM) fundamentals
 - Principle of operation
 - Determine when the product would be applied and what it needs from a site configuration to operate correctly.
 - Commissioning and inspection
 - Review possible documentation that can be used when commissioning a site and consider electrical, physical and operational needs.
 - Site maintenance
 - Guidelines on how to perform site maintenance visits
 - Digital voltmeter use and fault finding
 - Explore the fundamentals, diagnostic techniques and basic electrical concepts with regard to practical fence fault finding.



Competency assessment

On completion of the training the attendee will be assessed through both written and practical demonstration of their comprehension of the major modules.

Based on a satisfactory outcome, attendees will be issued with a certificate of competency to Gallagher Perimeter Fence Installer.

This competency is valid from the date of issue for a period of two years.