



Security.Improved

A Gateway to Safety

The New Powered Gates Certification Scheme

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NSI: who are we?



- NSI: Leading specialist Certification Body in the Security and Fire sectors
- UKAS Accredited
- 45 years in the industry
- 1800 Approved Companies; mostly installers of:
 - Intruder and Hold Up Alarm Systems
 - Electronic Access Control Systems
 - Video Surveillance Systems (CCTV)
 - Fire Detection, Alarm and Suppression Systems

NSI: what do we do?



- Provide UKAS Accredited Certification of Security and Fire Products & Services and Quality, Environmental and H&S Management Systems
- NSI Gold and Silver Certification Schemes
- Awarded against British, European & International Standards and Codes of Practice
- Strict qualification criteria
- Products and processes regularly and rigorously inspected

NSI: what's it to do with us?



- Security and Fire sectors are commercially driven
- Strong links to insurance industry
- Driven by British and European Standards
- NSI Gold and Silver Certification Schemes
- Strict qualification criteria
- Products and processes regularly and rigorously inspected
- Certificates of compliance against installations

NSI: what's it to do with us?



- Many NSI companies are:
 - Involved in installing and maintaining Powered Gates
 - Often part of an “integrated security solution”
 - Responding to market demand
 - “Inheriting” systems from other installers
- Limited awareness of standards and legal requirements for installation and maintenance
- Installers concerned: feel exposed

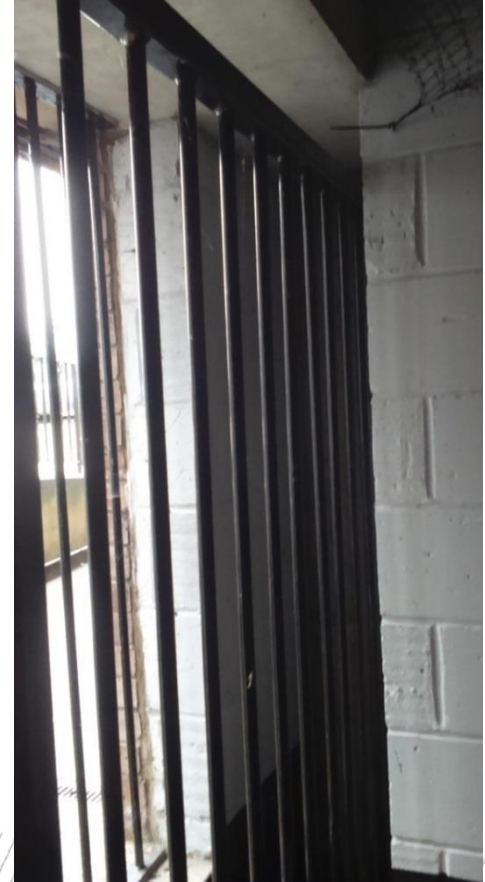
Why worry?

- High profile, tragic accidents
 - 7 deaths in 10 years
 - 8 serious (life-changing) injuries
 - Unknown number of minor injuries and near misses
 - All avoidable!
- Estimated 1 million powered gates in UK
- Estimated 65% of these are unsafe

A Not Untypical Example!

Shopping Centre: Staff Car Park.

Slides past a pedestrian gate, through a wall, out past a railing window, into a parking space, on a pavement



Why is there a problem?



- Poor understanding of risks presented by powered gates
- Poor understanding of legislation and liabilities:
 - Powered gates are machines and the Supply of Machinery Regulations apply
 - Health and Safety at Work Act applies to all installer and maintainer activities
- Standards not 'fit for purpose'
- Lack of clear guidance on how to make a gate safe or a safe gate
- Safety costs!

Solving the problem



- Recognise there is a problem
- Door and Hardware Federation (DHF): leading trade association in the industry
- DHF Powered Gate Group:
 - Set up in response to safety issues
 - 120 member companies
 - Developed a training course
 - 600 installers trained

Solving the problem



- NSI teams up with DHF to:
 - Produce a Code of Practice for Powered Gates
 - Develop a Certification Scheme for Powered Gates
- 3 year programme
- Wide consultation with industry and HSE
- Draft Code of Practice completed in 2015

Basics of the Code



- Code of Practice addresses the fundamental questions:
 - What laws apply and to whom
 - What training do you need
 - What are the risks and how do you identify them
 - What needs to be considered in the design process
 - What is required in the install, test, commission and handover phases
 - What are the documentary requirements
 - How to manage an unsafe gate

Pilot Audits



- Test the Code against reality
- Train auditors
 - Bespoke Diploma course set up by Nick Perkins of DHF
 - Product familiarisation
 - Walk-through audits
- Select volunteer companies for pilot audits
 - Six companies (mix of NSI and DHF)
- Carry out pilot audits to test:
 - The auditors against the Code, the industry and the British weather!
 - The companies' compliance against the Code
 - The Code against the realities of the industry
 - Develop our internal processes

Pilot Outcomes

- Minor modifications to Code:
 - Review of how and what evidence is provided
 - Review procedures for managing issues with pre-manufactured gates

Code Ready to Go: DHF TS011 Live Now

- Audits:
 - Sound audit model: continue developing audit process
 - Auditors at basic competency level: continue to develop auditor competency

Scheme Ready to Go: 1 July 2016

- Need to get the auditors some decent foul weather gear!

What next?



- Scheme is ready to go
 - Gates Gold (Code plus QMS)
 - Gates Silver (Code only)
- Continue to develop auditor competency
- Grow the pool of auditors to meet demand
- Continue to reassess the Code
- Apply for UKAS Accreditation

Questions?

nsi.org.uk

dhfonline.org.uk