



HEALTHCARE COMPLIANCE

ASSESSMENTS • INSPECTIONS • TRAINING
INSTALLATIONS • REPAIRS • REMEDIATION

FIRE/SMOKE
DAMPERS



FIRE/SMOKE
DOORS



FIRE/SMOKE
BARRIERS



SPRINKLER LINE
ISSUES



CEILING TILE
REPLACEMENT



LIGATURE RISK
SOLUTIONS



AVAILABLE THROUGH
GRAINGER
FOR THE ONES WHO GET IT DONE

THE BARRIER COMPLIANCE SERVICES DIFFERENCE

LET US SHOW YOU WHY SO MANY HOSPITALS UTILIZE OUR SERVICES.

HEALTHCARE FOCUS

We are a specialty contractor that understands how to operate in the challenging healthcare environment. We understand what it means to work in active patient surroundings, maintaining infectious control, operating in critical areas, in accordance with NFPA / CMS standards, and performing under the host of unique factors specific to health care.



BCS EMPLOYEES • BCS SKILLED WORKFORCE

Quality life safety work is essential to your facilities compliance. The only true way to insure a high quality work product is to utilize our own employees for these critical services. We DO NOT SUBCONTRACT OR OUTSOURCE any of our primary services. Overall our employees perform over 99.8% of all of our work.



GRAINGER PARTNERSHIP

We are Grainger's exclusive partner for all of our services offered. Grainger provides a single source for billing, meaning you do not have to set BCS up as a new vendor. Materials are ordered direct from Grainger without any markup saving 20+% from a standard contractor markup. Grainger's dedication to your service and customer satisfaction means you have the peace of mind you ultimately want in compliance.



DEPTH OF EXPERIENCE

When investing in your life safety and compliance, knowing that it is done right the first time is critical. BCS has been in over 1000 hospitals performing assessments, inspections, installations, repairs, remediation, training, etc. Working on your barriers, life safety and above ceiling space is what we do better than anyone else!



NATIONWIDE FOOTPRINT

BCS operates in all 50 states, through regional offices spread across the country. We utilize digital technologies for nearly everything we do from timecards and data collection to your final report. This investment in our unique and proprietary platform allows us to actively monitor projects in real time and provide a consistent offering and solutions nationwide.



TURNKEY SERVICES

BCS can provide complete turnkey services including inspections, documentation, reporting, repairs, complete facility remediation and training. Whether you want our complete line of services or to supplement your own programs, we will customize a solution that fits your unique facility needs.



FIRE & SMOKE BARRIERS

BCS trains our staff to thoroughly understand life safety plans and the related fire and smoke barriers. These life safety plans are the foundational element by which our life safety services are based. We also hold numerous certifications including UL Certified Firestop Certifications, IFC Certified 3rd Party Inspectors, the required construction and trade licensing and are a top tier firestop company with all major manufacturers.



FIRE & SMOKE DAMPERS

Healthcare compliance with CMS adopted standards: NFPA 80 / 99 / 101 / 105

*To be performed every 6 years with Healthcare occupancy and every 4 years for non-healthcare occupancy. *See below for additional considerations.*

Assessments and Inspections:

BCS performs all assessments and inspections according to CMS and NFPA standards. All damper assessments and inspections are performed digitally on our cloud platform, utilizing your life safety plans.

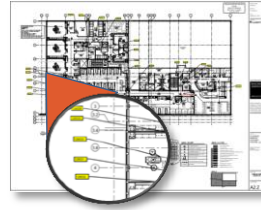


Documentation:

All documentation is provided to meet or exceed CMS and NFPA standards. BCS goes the extra steps to provide deficiency level detail and line item repair / remediation budgeting (upon request and additional scoping meeting). All documentation is geared towards providing best in class reporting for accreditation inspections, proof of compliance, line item budgeting, and details for to allow for quick and expedient repairs. Documentation is digitally provided in 3 sections for ease of distribution and printing:



● Inventory List



● Marked Up Life Safety Plans



● Inspection Record
● Repair Notes
● Re-inspection Record

Repairs:

Repairs are performed from the deficiency documentation. Should you elect to utilize BCS for repairs we can assist in procuring materials which are ordered direct from Grainger saving you 20+% on a typical contractor markup. Repairs are made utilizing BCS employees who have been trained to specifically work within healthcare. Daily work order and weekly work summaries are provided which tie directly to deficiency documentation and budgeting allowing you to know exactly what you are paying for.



Additional Recommended Considerations:

While NFPA requires inspections every 6 years, we would highly recommend considering a more frequent inspection for dampers servicing critical areas. The failed state for electric and pneumatic dampers in a closed position directly impacts air flow to the service area. Items impacted include:

- Air quality (infection control rates)
- Humidity levels
- Temperature levels (patient satisfaction)
- Room air pressure (pos/neg pressure)

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INSPECTIONS



INSTALLATIONS



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TRAINING



FIRE & SMOKE DOORS

Healthcare compliance with CMS adopted standards: NFPA 80 / 99 / 101 / 105

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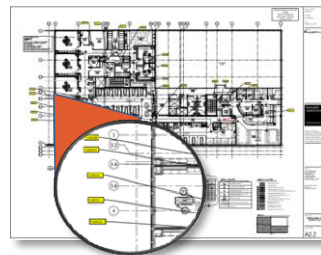


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FIRE & SMOKE BARRIERS

Healthcare compliance with CMS adopted standards: NFPA 99 & 101

Barrier Compliance Services recommends a 5 step process for ongoing compliance of your rated barriers. This process is defined below and BCS can assist with any or all of your process:

1) Assess Facility for Compliance:

The first step in compliance is knowing the current state of your facility. With the ever-changing standards and enforcement, relying on previous inspection results is problematic. Whether it be a spot check, assessment or inspection; knowing the state of your facility to current standards and codes is a critical first step. The final output should be deficiency reporting with the necessary information to develop a scope, budget, project plan and capital request.



• Assessment / Inspection

• Marked Up Life Safety Plans

• Inspection Record
• Repair Notes
• Re-inspection Record

2) Revise Policies and Procedures:

Once you have determined what is deficient in your facility, it is time to address the policies and procedures that led you there. BCS can assist with developing or revising your policies and procedures based on our extensive experience and best practices.

3) Remediate:

A complete remediation is the recommended next step in order to ensure that the facility is compliant with all new standards and codes. In this step the facility is brought up to code. This is typically a capital project which should be derived from the initial assessment.



4) Inspect and Enforce Policies:

Once the facility has been remediated, it is critical to enforce the revised policies and procedures. Routine inspections should uncover individual deficiencies which should be queued up for accountability actions and repairs.

5) Repairs:

Repairs should be performed ONLY by individuals who have been properly vetted and demonstrated the ability to determine the required rating(s) and capabilities to install a professional installation or a tested and listed system.

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SPRINKLER LINE ISSUES

Healthcare compliance with CMS adopted standards: NFPA 13, 25, 99 & 101

A sprinkler line policy should be part of every facility above ceiling and permit program. Coordination with the IT department is a must for ongoing installations.

Compliance Assessments:

The first step in compliance is knowing the state of your facility. In previous years there has been confusion in the field around what is acceptable, enforcement in this area has been lax, and sprinkler lines have been utilized as common IT cabling travel paths. Recently CMS has clarified the position whereby incidental contact is the deficiency standard AND enforcement in this area has become significant.

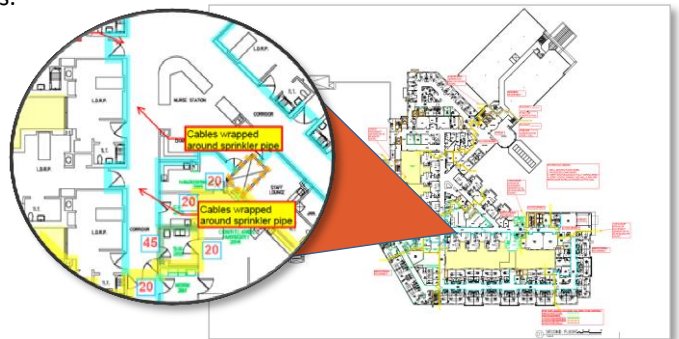
In order to provide a compliance assessment, the most accurate method is to perform a complete facility walk. Representative sampling can be utilized for developing a budget. Problems are identified and categorized according to cost implications:

- Low Impact: Identified primarily as incidental contact.
- Mid Impact: Cables are typically wire tied to sprinkler lines and support systems.
- High Impact: Cables are tightly wound area sprinkler lines /support system or sprinkler lines / support systems used as support systems are used to structurally support other items such as ceiling grids, piping, light fixtures.



A sample Daily Work Order form from Barrier Compliance Services. The form includes sections for CUSTOMER INFORMATION, WORK ORDER INFORMATION, WORK ORDER NUMBER, and COMMENTS. It also has fields for APPROVED BY, DATE, and SIGNATURE.

● Sample Daily Work Order



● Marked Up Life Safety Plans

BCS will then work with facility management to develop a budget and/or capital request (typically based on the scope of severity of the issues discovered).

Repairs and Remediation

Repairs (individual line item deficiencies) and remediation (addressing all deficiencies throughout the complete facility) require significant field coordination and an experienced health care project management team that must:

- develop and implement a coordinated field plan.
- be able to efficiently manage labor.
- thoroughly understand and effectively implement a comprehensive infection control strategy
- correctly repair structurally supported items.
- Coordinate with IT on data cabling.
- Coordinate fire sprinkler disconnects and reconnects, including fire watch if necessary.
- Proactively work with facilities on installing high traffic opening re-penetrable devices and identifying other above ceiling issues.



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CEILING TILE REPLACEMENT

Beyond aesthetics, facilities are commonly cited for holes, gaps, missing tiles, and anywhere the ceiling is not smoke tight.

Ceiling tile replacement is most commonly performed for patient satisfaction / facility aesthetics. However when this is performed, significant additional considerations should be taken into account per below.

Aesthetics:

Health care facilities have a unique consideration in relation to the aesthetics of ceiling tiles: your patients spend a significant amount of time on their backs staring up at the ceiling. Think how much time the average patient spends staring at your ceilings! We recommend you have someone place facility management on a cart and wheel them around, seeing what your customers see!

Furthermore, the health care environment is such that these ceilings are constantly being accessed causing much more damage and wear / tear than for any other industry.

Consider how much time and money your facility spends on the floors and walls, as compared to the ceiling!



Physical appearance DIRECTLY impacts patient satisfaction.

Tile Selection: Health Care Considerations:

Once you have made the decision to perform a ceiling tile replacement project, it is actually much more complex than anyone would imagine. Beyond the myriad of options in tile aesthetics, functionality bears a large impact and will likely result in a number of different tiles being placed in different areas. Consider:

- Cost
- Acoustics (patient satisfaction)
- Security (behavioral health)
- Fire/smoke (rated construction)
- Green initiatives (recycled content)
- Light reflectance (patient satisfaction)
- Durability (maintenance)
- Biological blocking (infection control)
- Standardization
- Application specific considerations

Beyond Simple Replacement.....

It is relatively easy to replace ceiling tiles. What is not easy is performing with excellence in an active health care environment. This is the BCS difference.

The most important pieces are unfortunately all too often an afterthought when considering the project implementation team.

The difference makers are exceptional facility coordination, working nights and weekends, infection control, identifying other issues while the ceiling is open and coordinating repair of these issues with facilities and trade staff.

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LIGATURE RISK SOLUTIONS

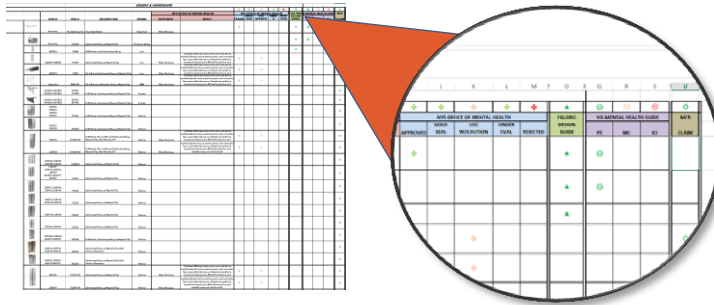
Installation Services for Healthcare Behavioral Health Compliance.

Through partnership with Grainger, there exists a turn key approach for your ligature risk compliance!

Grainger Partnership

The first step towards anti-ligature compliance is to perform a facility audit where deficiencies are identified and listed for correction. This service is currently available through Grainger.

Once the deficiencies have been identified, the next step is to locate an acceptable solution. This service is also available through Grainger and their exclusive Anti-Ligature Product Selection Guide.



See the Grainger Behavioral Health Selection Guide for compliance with the various state and agency approvals!

Project Management & Installation Services

Once the facility has selected the items for replacement and identified conditions which need to be repaired, this list is then sent over to BCS for review and quotation.

During the review period we will need to review construction based items via a conference to call to develop a complete scope of work. Items to be covered will include topics such as :

- Project timeline, milestones and critical path
- Deficiencies by trade: carpentry, plumbing, mechanical, electrical, alarm, etc.
- Identify items and discuss labor to be performed with BCS employees, authorized preferred facility contractors or hospital staff.

Quotation and Billing

Following the project review meeting, BCS will produce a quotation for project management and/or labor with a high level schedule and staffing plan. Should the facility move forward with the BCS team, a detailed project plan will be delivered for review and approval.

All billing is performed through Grainger and based upon the agreed upon Agreement for Services. Daily work order and weekly work summaries are typically used for progress billing against a Purchase Order direct from the facility to Grainger.



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