

FIRE BOARD OF APPEALS AGENDA



MEETING DATE: August 12, 2016

TIME: 8:30 A.M.

**LOCATION: Pikes Peak Regional Building Department
2880 International Circle – Hearing Room**

ADMINISTRATIVE

Approval of the July 8, 2016 Fire Board of Appeals meeting minutes

Contractor Licensing

Fire Alarm Contractor A

1. Name of Company:	Fire and Security Technical Service, Inc.
Principal Officers:	Rex A. Goodbeau
Applicant:	Rex A. Goodbeau
RME:	Rex Goodbeau

Fire Alarm Contractor B

1. Name of Company:	School District 49
Principal Officer:	Jack, CEO
Applicant:	Douglas Lee Hurley
RME:	Doug Hurley

License Review

Arapahoe Fire Protection

PRESENTATION

Code of Ethics – Frederick Stein, City Attorney

Respectfully submitted,


Brett T. Lacey, Fire Marshal
Secretary to the Fire Board of Appeals

PIKES PEAK REGIONAL BUILDING DEPARTMENT

Fire Alarm Contractor License Application

Receipt #

SE
1338977
6-30-16

It is requested that the Fire Board of Appeals of the Colorado Springs Fire Department consider this application for the stated license in compliance with the Pikes Peak Regional Building Code.

FIRE ALARM LICENSE REQUESTED (circle one)

A B

COMPANY INFORMATION

Type of company (circle one) Individual Partnership Corporation LLC

NAME OF COMPANY Fire And Security Technical Service Inc
Mailing address 5711 Ammons St City ARVADA State CO Zip 80002
E-mail address Rex G @ FASTSERVICE INC.COM Phone (70) 720 940 6207
Fax () 303-452-8070

COMPANY'S PRINCIPAL OFFICERS, PARTNERS OR OWNERS

Name REX Goodbean Title OWNER
Name _____ Title _____

APPLICANT'S AFFILIATION WITH THE COMPANY (License Holder)

Full Name Rex A. Goodbean SSN - _____ Date of Birth 07-30-67
Address 5711 Ammons St City ARVADA State CO Zip 80002
Phone 720 940 6207 E-mail Rex G @ FASTSERVICE INC.COM

LIST YOUR 3 MOST RECENT POSITIONS AS EMPLOYEE/SUPERVISOR

Dates	Company	Address	Position
1. 2006 Present	FA S.T. Service	ARVADA CO	OWNER
2. 2001-2006	Secure Union US	Denver CO	General Manager
3. 1994-2001	INTERTEC Security	ARVADA CO	OWNER

RME (Responsible Managing Employee)

Name REX Goodbean SSN _____
Address 5711 Ammons St City ARVADA State CO Zip 80002
Phone 720 940 6207 E-mail Rex G @ FASTSERVICE INC.COM
NICET Certificate # 114799 NICET Level III
Professional Engineer Licensed by state of Colorado # _____ Date _____

Fire Alarm Contractor License Application

LICENSES HELD BY THIS COMPANY (Attach copies of licenses)

Jurisdiction — License type and number

Jurisdiction — License type and number

DENVER
AURORA

Colorado Springs - Fire Alarm B

List work project in which this company worked as the contractor:

Location (Specific)	(Colorado Springs - Type (Res. or Comm.)	Estimated Project Cost	Date
<u>Bubba's 33 - 5807 Const.</u>	<u>Comm.</u>	<u>\$ 20,000</u>	<u>Aug 2015</u>
<u>Chick Fil-A - Fountain CO.</u>	<u>Comm.</u>	<u>\$ 15,000</u>	<u>April 2015</u>
<u>See attached.</u>			

How long has this firm operated as a contractor? 10 yrs (If less than a year, write "new")

Type of work primarily? Residential 25% Commercial 75%

Have you ever been convicted of a felony? NO If so, explain _____

Has this company ever defaulted on a contract? NO If so, explain _____

Has a mechanic's lien judgement ever been filed against property on which the firm was the contractor? NO

If so, explain _____

Has this company been a defendant in a collection action court case? NO If so, explain _____

Have you or the company ever declared bankruptcy? NO if so, explain _____

CERTIFICATION

The undersigned individual, partnership or corporation does hereby declare and warrant that the above named owner, principal or manager for a contractor's license has the express authority to bind this company, partnership or corporation by his application herein; and further, the company does hereby agree to abide by the ordinances and regulations promulgated by the city of Colorado Springs and the county of El Paso, and adopted by other municipal entities within El Paso County in regards to any work which may be done by this firm pursuant to the applied contractor's license.

Signature [Signature] Date 6-28-16

Print Name and title (owner, principal or manager) REX Goodbread (owner)

I, the undersigned, do hereby submit application for the stated contractor's license as the RME (Responsible Managing Employee) or Licensee for the firm named herein. I do hereby expressly represent and warrant, that I am acting in capacity of the RME/Licensee of said firm; and I hereby agree to accept the responsibilities for said company's and my own actions in connection with the contractor's license that may be granted. Pikes Peak Regional Building Department requires all persons seeking a license to undergo a **CRIMINAL BACKGROUND CHECK**. By filing this application with Pikes Peak Regional Building Department you understand and agree that Pikes Peak Regional Building Department will undertake a **CRIMINAL BACKGROUND CHECK**. Some of the information I am providing in this application will be used to check my **CRIMINAL BACKGROUND**. I understand that Pikes Peak Regional Building Department may deny me a license after reviewing my **CRIMINAL BACKGROUND**. I hereby authorize Pikes Peak Regional Building Department to perform a **CRIMINAL BACKGROUND** check. I further agree and understand that if any information provided by me on this application is untrue, that any license granted to me by Pikes Peak Regional Building Department on behalf of the Colorado Springs Fire Department is automatically revoked.

Signature [Signature] Date 6-28-16

Print Name and title (RME) Rex Goodbread owner

Signature [Signature] Date 6-28-16

Print Name and title (Licensee) REX Goodbread Owner



NATIONAL INSTITUTE FOR CERTIFICATION
IN ENGINEERING TECHNOLOGIES®

Rex A. Goodbeau
FIRE ALARM SYSTEMS/III

CERT NO. 114799 VALID THRU 11/01/2017

**FIRE AND SECURITY
TECHNICAL SERVICE, INC.**
5711 Ammons Street
Arvada
Colorado 80002

Telephone: 720-940-6207
Facsimile: 303-432-8070

To Whom it concerns:

I have completed the following projects.

Bubba's 33
5807 Constitution Ave.
Colorado Springs, CO 80915

Chick-Fil-A Restaurants – I have worked on all Chick-Fil-A locations in Colorado since 1996, approximately 40 locations. The work includes Fire Alarm Systems (Complete Install), Security Alarm Systems, CCTV Systems, Data Network Systems, and CO detection Systems. The most recent locations are:

Fountain Mesa Ridge Fountain, CO.	Colfax and Garfield Denver, CO
Pueblo, CO.	Alameda and Wadsworth Lakewood, CO
Gateway Park I-70 and Tower Road. Aurora, CO.	52 nd and Wadsworth Arvada, CO
20 th and Sheridan. Edgewater, CO.	80 th and Wadsworth Arvada, CO

I have also worked with Fire Alarm Drafting and Design doing the programming, troubleshooting, and testing for the following projects:

Elan Building 20 th and Chestnut Denver, CO.	Speer Street Apartments. 27 th and Speer Street Denver, CO.	Ridgegate Apartments I-25 and Lincoln Lone Tree, CO
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I started in the low voltage industry in 1988, since then I have designed, installed, tested, and inspected various Fire systems, including Conventional, Addressable, Pre-action, and Releasing systems. This has happened in various Jurisdictions and cities. I have also assisted in other States.



Rex Goodbeau
Fire and Security Technical Service Inc,
Owner

208 44 (JW)

7-18-12

PIKES PEAK REGIONAL BUILDING DEPARTMENT

Fire Alarm Contractor License Application

Receipt #

1342325

It is requested that the Fire Board of Appeals of the Colorado Springs Fire Department consider this application for the stated license in compliance with the Pikes Peak Regional Building Code.

FIRE ALARM LICENSE REQUESTED (circle one)

A

B

COMPANY INFORMATION

Type of company (circle one) Falcon Individual Partnership Corporation LLC

NAME OF COMPANY School District 49

Mailing address 10850 E. Woodmen Rd City Peyton State CO Zip 80831

E-mail address d.hurley@d49.org Phone (719) 495-1100

Fax (719) 495-1153

COMPANY'S PRINCIPAL OFFICERS, PARTNERS OR OWNERS

Name Jack Bay Title Chief of Operations

Name Title

APPLICANT'S AFFILIATION WITH THE COMPANY (License Holder)

Full Name Douglas Lee Hurley SSN Date of Birth 06/11/1969

Address 3312 N. Arcadia St City C/S State CO Zip 80907

Phone (719) 310-1867 E-mail dhurley@d49.org

LIST YOUR 3 MOST RECENT POSITIONS AS EMPLOYEE/SUPERVISOR

Dates	Company	Address	Position
10/22/10 - Present	School District 49	10850 E Woodmen Rd Peyton CO	Facilities Systems Specialist
2/01/2002 - Feb 01/02	IES Commercial	Englewood, CO	FA Supervisor
3/01/98 - 01/01/2002	IES Commercial	Englewood, CO	Apprentice

RME (Responsible Managing Employee)

Name Doug Hurley SSN

Address 3312 N Arcadia St City C/S State CO Zip 80907

Phone (719) 310-1867 E-mail dhurley@d49.org

NICET Certificate # 112675 NICET Level III Fire Alarm Systems

Professional Engineer Licensed by state of Colorado # Date

Fire Alarm Contractor License Application

LICENSES HELD BY THIS COMPANY (Attach copies of licenses)

<p>Jurisdiction — License type and number <u>ARPD - At School License 20844</u> <u>ARPD - Mechanical A* 20844</u></p>	<p>Jurisdiction — License type and number</p>
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List work project in which this company worked as the contractor:

Location (Specific)	Type (Res. or Comm.)	Estimated Project Cost	Date
<u>District 49</u>			

How long has this firm operated as a contractor? 10 years (If less than a year, write "new")

Type of work primarily? Residential _____ Commercial X

Have you ever been convicted of a felony? NO If so, explain _____

Has this company ever defaulted on a contract? N/A If so, explain _____

Has a mechanic's lien judgement ever been filed against property on which the firm was the contractor?

If so, explain NO

Has this company been a defendant in a collection action court case? _____ If so, explain _____

Have you or the company ever declared bankruptcy? NO if so, explain _____

CERTIFICATION

The undersigned individual, partnership or corporation, does hereby declare and warrant that the above named owner, principal or manager for a contractor's license has the express authority to bind this company, partnership or corporation by his application herein; and further, the company does hereby agree to abide by the ordinances and regulations promulgated by the city of Colorado Springs and the county of El Paso, and adopted by other municipal entities within El Paso County in regards to any work which may be done by this firm pursuant to the applied contractor's license.

Signature [Signature] Date 7/15/16
 Print Name and title (owner, principal or manager) Jack Boy Chief Estimator

I, the undersigned, do hereby submit application for the stated contractor's license as the RME (Responsible Managing Employee) or Licensee for the firm named herein. I do hereby expressly represent, and warrant, that I am acting in capacity of the RME/Licensee of said firm; and I hereby agree to accept the responsibilities for said company's and my own actions in connection with the contractor's license that may be granted. Pikes Peak Regional Building Department requires all persons seeking a license to undergo a **CRIMINAL BACKGROUND CHECK**. By filing this application with Pikes Peak Regional Building Department you understand and agree that Pikes Peak Regional Building Department will undertake a **CRIMINAL BACKGROUND CHECK**. Some of the information I am providing in this application will be used to check my **CRIMINAL BACKGROUND**. I understand that Pikes Peak Regional Building Department may deny me a license after reviewing my **CRIMINAL BACKGROUND**. I hereby authorize Pikes Peak Regional Building Department to perform a **CRIMINAL BACKGROUND** check. I further agree and understand that if any information provided by me on this application is untrue, that any license granted to me by Pikes Peak Regional Building Department on behalf of the Colorado Springs Fire Department is automatically revoked.

Signature Douglas L. Hurley Date 7/15/16
 Print Name and title (RME) Douglas L. Hurley Facilities Systems Specialist
 Signature Douglas L. Hurley Date 7/15/16
 Print Name and title (Licensee) Douglas L. Hurley Facilities Systems Specialist



**NATIONAL INSTITUTE FOR CERTIFICATION
IN ENGINEERING TECHNOLOGIES®**

Douglas L. Hurley

FIRE ALARM SYSTEMS/III

CERT NO. 112675 VALID THRU 02/01/2017

Doug Hurley
3312 N Arcadia St
Colorado Springs, CO 80907
(719) 640-9601
9mmwitness@gmail.com

Summary of Skills:

Profound knowledge of fire alarm systems.
Ability to climb ladders, to pull cables, and work in confined and high spaces.
Ability to read and interpret blueprints, schematics, and other technical specifications.
Certified on several different work platforms (man lifts, scissor lifts, boom lifts).
CPR & first aid trained.
OSHA 30-hour safety classes.

Work Experience:

Falcon School District 49

February 19, 2016 – Present

Facilities Systems Specialist

- Install, service & maintain all low voltage systems.
- Fire alarm, intercom, security, cameras

IES Commercial Englewood, CO

October 2003 to February 2016 – Fire Alarm Foreman/Service Technician

December 2002 to October 2003 - Journeyman Electrician

July 1998 to December 2002 – Apprentice Electrician

- Performed electrical-related wiring and installation for commercial construction projects including new construction, remodels and expansions.
- Performed installation, inspection and serviced all fire alarm systems.
- Assembled new panels and equipment.
- Tested and resolved and troubleshot problems.
- Trained less experienced technicians and customers as necessary.
- Assisted in the programming and installation and validation of operating systems according to customer specifications using manufacture's code.
- Installed fire alarm, electrical & sound systems in commercial buildings to include hospitals, schools, and businesses & for the military.
- Have extensive knowledge of Simplex fire alarm systems & working knowledge of Notifier & EST systems.

Military Service:

1995-2007: Colorado Army National Guard

1987-1995: Active Duty US Army



INTEROFFICE



MEMORANDUM

Date: July 6, 2016

To: Brett Lacey, Fire Marshal

From: Doreen Withee, Fire Protection Engineer *DW*

Subject: Arapahoe Fire Protection License Review

Colorado Springs Fire Department works hard to ensure fire protection systems are designed and installed in accordance with the locally adopted codes, standards, rules and regulations through a contractor licensing program as a joint effort with Pikes Peak Regional Building Department. We also track contractor performance, both good and bad, to ensure the citizens are receiving the reputable work and value for the investment they are making.

Over the last year, CSFD has been tracking the performance of Arapahoe Fire Protection with regard to their Fire Suppression Contractor – A license and the results have not been favorable. In the time frame of April 1, 2015 until March 30, 2016, Arapahoe has submitted 27 jobs, 18 of which we have documented issues on both plans and inspections. As a comparison, below is a table showing the four largest sprinkler companies over the previous 12 months, as of March 30, 2016. For anonymity, the other three companies are labeled as A, B and C.

Table 1. Statistics 4/1/15-3/30/16

Name	# Jobs Permitted	Work At Risk Requests	Review Hours	Inspection Hours	Other (email, phone, mtg, etc)	Totals
Arapahoe	27	17	57	131.75	33.25	217.5 hrs
Company A	56	3	49.25	126	6.25	181.5 hrs
Company B	33	7	35.5	96	12.5	144
Company C	52	2	41.75	143.75	6	191.5

As demonstrated by the table above, Arapahoe projects consume far more time commitment from us on fewer jobs than other fire sprinkler companies in the same time frame. On average we are spending approximately double the amount of time on both reviews and inspections for Arapahoe projects. Another concerning piece is the substantially higher rate of Work at Risk (WAR) requests from Arapahoe versus any other sprinkler company. While the work is “At Risk” where the contractor needs to correct any deficiencies identified on the plan review, CSFD is often put into the position of entertaining work-arounds if this happens due to the financial burdens that may be incurred to make the corrections.

This can result in a system installation that is improperly spaced or inadequate for the hazards present, as was the case with Denver Hardwoods. A work at risk was issued by CSFD for the installation of a fire sprinkler system in an office/warehouse structure. When the plans were submitted, the storage arrangement designed for did not match the storage arrangement declared by the tenant. As additional information became available, it was discovered the sprinkler design did not account for the nearly 600 gallons of combustible liquids that would be present. As a result, the sprinklers that were installed, under the work at risk, were over-spaced (120 sqft per head) for the protection of combustible liquids, which requires 100 sqft per head, and alternative designs were devised regarding spacing, so long as the density and water delivery was met.

Another example of a work at risk gone wrong was the Lodges at Flying Horse, in which incorrect heads and incorrect temperature ratings were used and alternative solutions had to again be made by CSFD regarding combustible concealed space coverage.

Table 2. Comparison of Arapahoe to Averages of other companies

Name	# Jobs	Average Time Per Review (hrs)	Average Time Per Inspection (hrs)	Average Time For Other Per Job (hrs)	Total (hrs)	Total (weeks)
Arapahoe	27	2.1	4.9	1.2	217.5	5.4
Average	47	0.93	2.65	0.2	172.3	4.3

The issues we have run into on both plan reviews and inspections include spacing of sprinklers, hazard classification, piping issues, details, and hydraulics issues.

Table 3. List of Issues Encountered

Issue	# Occurrences
Sprinklers: spacing/mixing types/ head legend	22
Piping/Hangers	12
Details missing	9
Hydraulics problems	16
Plans too light to be legible (only an issue for archive set)	6
Total (less plans too light)	59

Out of 27 jobs, this is a significant amount of issues we have run into, and what appears to be repetitive issues. Omitting the occurrences of plans being too light, this is approximately 2.2 issues per project. These number almost guarantee we will be denying any given plan submittal at least once.

CSFD has met on several occasions to discuss the continued submittal and inspection issues as detailed below:

Table 4. Record of Meetings

Date	Type of Interaction	Attendees
5/26/16	Meeting	CSFD: Fire Marshal Lacey, Deputy Fire Marshal Madison, Senior Inspector Embres, Fire Protection Engineer Withee Arapahoe: Erik Legum
8/20/15	Meeting	CSFD: Inspectors Embres and Taylor; Fire Protection Engineer Withee Arapahoe: Erik Legum, Jeff Wilson, Robert Lenk
2/16/16	Meeting	CSFD: Engineer Withee Arapahoe: Erik Legum
4/6/16	Meeting	CSFD: Fire Marshal Lacey, Deputy Fire Marshals Loveless and Madison, Engineer Withee Arapahoe: Erik Legum

Since April 1, 2016, Colorado Springs Fire Department staff has continued trending contractor performance with the following results:

Table 5. Statistics from 4/1/16-6/28/16

Name	# Jobs Permitted	Work At Risk Requests	Review Hours	Inspection Hours	Other (email, phone, mtg, etc)	Totals
Arapahoe	13	3	21	19	0.5	40.5
Company A	2	0	2.25	3.5	1.5	7.25
Company B	4	2	7.75	3.75	3.5	15
Company C	5	1	7.5	3	0.25	10.75

Table 6. List of Issues Encountered 4/1/16-6/28/16

Issue	# Occurrences
Sprinklers: spacing/mixing types/ head legend	6
Piping/Hangers	4
Details missing	7
Hydraulics problems	4
Plans too light to be legible (only an issue for archive set)	0* not counted
Total (less plans too light)	21

CSFD has received two non-formal complaints from general contractors regarding bidding practices and use of change orders under the guise the "Fire Department is making us..." At one point plans were submitted for a 24 head remodel where over half of the sprinklers were drawn as obstructed. When we asked for corrected plans, we received push back to just issue the permit and corrected as-builts would be provided. This process is unacceptable.

The increased time spent per review trying to gain enough information to complete the review, drives up the average times spent per type of project. As an enterprise business, our fees are based on cost recovery. With average times increasing for reviews and inspections, our fees also increase.

With the current pace of construction, CSFD Construction Services does not have the time or staff to continue to be a quality control process for contractors that are below average. We willingly help new comers to the process, however, Arapahoe has been operating in the Colorado Springs area for at least 10 years and cannot continue to be considered new to our climate or to expect that we continue this level of direction and supervision through every job.

Due to a lack of improvement following Fire Department meetings, I respectfully request this company be brought before the Fire Board of Appeals for recommended disciplinary action of one year probation with quarterly reports from the Fire Department regarding projects, with a suspension from the Work at Risk program.



COLORADO SPRINGS FIRE
DEPARTMENT

July 20, 2016

James Gray
Arapahoe Fire Protection
11901 E 14th Ave.
Aurora, CO 80010

Dear Mr. Gray,

This is an official notice to inform you that Colorado Springs Fire Department will no longer allow Arapahoe Fire Protection to participate in the Work at Risk program for fire sprinkler work based on the number of problems experienced on projects that have undertaken this process and the general performance over the last year. This decision stands until such time as when quality and/or performance provides an opportunity to reconsider. Until then, all fire sprinkler submittals shall follow the standard process for review and permit.

If you have any questions, please do not hesitate to contact Fire Marshal Brett Lacey directly at 719-385-7355.

Sincerely,

Doreen E. Withee
Fire Protection Engineer

cc: Brett Lacey, Fire Marshal
Jeff Loveless, Deputy Fire Marshal



Colorado Springs Fire Department
375 Printers Parkway
Colorado Springs, CO 80910-3191
TEL 719-385-5950 • FAX 719-385-7388



"Providing the highest quality problem solving, fire and rescue service to our community since 1894."