| NAME | Wolverine Fire Protection Co | Nexus Engineering | Fire Savvy Consultants & Services LLC | Fire Safety Consultants, Inc. |
|--|---|--|---|--|
| ADDRESS | Milford MI | Oakbrook Terrace, IL | Commerce MI | Elgin, IL |
| | | | | |
| Years in Business | 58 years | 24 years | 1 year | 31 years |
| Year providing Fire Suppression & Fire Alarm | 20 years Full Service Inspection Review | 24 years | Spin-off of similar company with employees | 31 years |
| Plan Review and Inspection Services | Division-retail, commercial, automotive, | | provding services for over 15 years | |
| | schools, manufacturing & govt work | | | |
| Full Time Employees | 146 Full Time Employees | 45 Full Time Employees | 3 Full Time Employees | 13 Full Time Employees |
| Part Time Employees | 2 Part Time Employees | 20 Part Time Employees | 3 Part Time Employees | 3 Part Time Employees |
| Number of Clients with Similar Services | | Over 25 clients from various industries include- | 31 municipalities; consulting services for | 180+ Municipalities. Company provides plan |
| | | ing power, municipal, commercial and DOE | outside agencies and companies | review and/or inspection services |
| Client References | Barton Malow | Colorado Springs, CO, const doc review | Orion Twp-Fire Plan Review & inspections | Auburn Hills-Fire Suppression, Alarm, Plan Rev |
| | Walbridge Aldinger Co | Batavia, IL, hazardous review, bldg separation | Clinton Twp-Systems Plan Review & Inspections | Farmington Hills-Kitchen Hood Suppression |
| | Clark Construction | Duke Realty, IN, fire protection/loss reports | Milford-Systems Plan Review & Inspections | Canton-Fire Suppression, Alarm, Plan Review |
| | Turner Construction | Lombard, IL, fire code consultation | Northville Twp-Systems Plan Review & | Fenton-Fire Suppression, Alarm, Plan Review |
| | Lee Contracting | McHenry Twp IL, fire code consultation | Inspections | Union Twp-Fire Suppression, Alarm, Plan |
| | Siwek Construction | | Woodhaven-Systems plan review & inspections | Review, Kitchen Hood Suppression, Clean Agent |
| Staff Qualifications and Experience | A Burkhart, Fire Protection Designer, 36 years, | P Valentine, Sr Eng III, NFPA, Cert Fire Protec- | NICET Level II in sprinkler water based layout, | K Frangiamore, Pres, 30 yrs, fire protection spec |
| | NICET IV, II | tion Specialist, NFPA Cert Plan Examiner | II in fire alarm systems, I in Sp Hazard Systems; | F Hogler, VP Fire Protection Plan Review & Field |
| | P Corcoran, FPE, Design Mgr | T Tess, Sr Eng IV, PE, CSP | St of MI Fire Inspector, NFPA Fire Inspector I & II | Services, NICET & ICC certifications |
| | J Bier, PE, Mgr Construction Services, QA/QC | T Lontz, Staff Eng III, CFPS | and Plan Examiner; Staff has over 60+ combined | C Huber, Adm Ast/HR Mgr |
| | Manager, 36 yrs | M Goddard, Staff Eng III, CFPS | years of fire & bldg inspection and plan review | B Gooden, MI Reg Office Mgr, 7 yrs, Fire |
| | | | experience. | Protection Consultant, NICET & ICC Certifications |
| | | | | J Schifiliti, Founder of FSCI in 1983, fire protection |
| | | | | design & consulting to govt entities |
| Turnaround Time First Review | 7-10 day turnaround | 10 working days from submission | 5 to 8 business days; rush turn around is 3 | Complete first review in 5-10 working days |
| | | Expedited plan reviews within 5 days + fee | business days; and 1 business day | |
| Turnaround Time Re-Review | Within 7 days of receipt | 5 days or less | Re-reviews-same turn around as original | Complete re-reviews in 5 working days |
| | | | review or sooner | |
| | | | | |
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| Description of Review Process | Checklist letter | Construction Doc submitted by RH, electronic | Complete submittal review in relation to | One set fee for plan review, all additional reviews |
| | | submittal process is encouraged to streamline | system being reviewed; review each set of | are performed for no additional charge; compli- |
| | | & expedite; conduct review based on codes & | drawings, cut sheets & calculations, making | mentary telephone consulting on projects being |
| | | RH standards & St of Mich, written correspon- | sure they are complete, contain all codes and | reviewed; fire protection & bldg code plan review |
| | | dence of const doc review to RH with recommen- | standards related information & indicate | turnaround within 10 bus days; project mtgs or conf |
| | | dation of approval or denial - format to be | scope of work involved. Once review is | calls to discuss fire protection, bldg, fire or life |
| | | provided by RH | completed, will return drawings via UPS to City | safety code requirements w/ architect/eng. |
| | | | or drop off the review in person | Plan review letters designed around computer |
| | | | | formatted, technical letter that is custom designed |
| | | | | to RH needs. Can add: local bldg or fire code |
| | | | | official's interpretations, municipal amendments |
| | | · | | to adopted codes, adopted code appendix or |
| | | | | annex information and jurisdictional information |
| Section 1831 1831 1831 1831 1831 1831 1831 183 | | | | for different service areas. Can call anytime with |
| | | | | codes or standards questions |
| | | | | · |
| Copy of Plan Review Checklist and Sample Letter | ISO9000 Review Checklist signed by reviewer | Plan review check list and sample letter | Check List and Letter Samples provided | Plan review submittal checklist and sample |
| | and re-reviewer | provided | | letter provided |
| | | | | |
| Average Turn-around time to complete | 7 to 10 days | Inspections withn 72 hrs of receiving notifica- | 48 hrs notice for inspections, often shorter; | 1 to 2 days |
| inspections | Ability to honor that commitment due to size | tion of inspection request; report completed | will email inspection report; completed | |
| | and experience of engineering staff | within 5 days of notification | report to RH within 24 hours | |
| | | | | |
| Complete description of inspection process | Company Quality Control Program | Walk down interior & exterior of facility to | Methodical approach following checklist; | Inspections & witnessing of both new & existing |
| | Execute jobs as promised within budgets and | provide visual inspection of facility & gather | make all efforts to assure code & standard | fire protection/bldg code system testing for |
| | on time. Apply decades of industry knowledge | relevant documentation required, as code- | acceptance has been obtained. Will make | municipalities; inspect for compliance w/ appli- |
| | and experience. Offer sufficient financial | required inspection, testing & maint records. | educated code & standard based | cable codes & approved plans; provide report on |
| | stability to perform on major projects. Promote | Identify visible items in accessible areas | recommendations to RH based on what | inspections, tests performed & recommendations. |
| | a top-to-bottom ethical environment empower- | which do not comply with codes adopted by RH | is viewed and witnessed on site. Job is to | One set inspection fee for each discipline. Can |
| | ing all employees. Result in customer satis- | or State of Michigan | provide RH support by making sure their | inspect all fire protection/bldg code systems |
| | faction, repetitive business and word-of-mouth | | clients are safe, happy and open for business | including auto fire sprinkler systems, fire alarm |
| | referrals | | as soon as possible | systems, clean agent & gas suppression systems, |
| | | | | kitchen mechanical hood systems, kitchen hood |
| | | | | suppression systems, smoke control systems, exit- |
| | | | | ing requirements, fire stopping & fire-rated wall |
| | | | | construction; can train RH personnel . |
| | | | | |
| Inspection Checklist and sample rejection | | Inspection checklist and sample rejection | Inspection checklist and letter provided | Fire Protection Inspection Report provided |
| notices | | notice | | |

| lava an | | | | 7 |
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| 20445 | | | | |
| 2014 Fee Schedule | 2014 Shop Drawing Plan Review Fee Schedule: | 2014 Document Review & Code Consulting Fees | 2014/2015 Fee Schedule | 2014/2015 Basic Fee Schedule |
| | Fire Suppression Systems: | Fire & Bldg Code Consulting Fee - \$145/hr | NFPA 13 & 13R Sprinkler Systems: | Sprinkler Systems NFPA 13 and 13R |
| | Automatic Sprinkler Systems-Pipe Schedule | Sprinkler System Review | 1-20 Sprinklers-\$200 rey/\$375 rev + inspection | 1-20 Sprinklers-\$207 rev/\$392 rev + inspection |
| | 1-100 Sprinkler Heads - \$550 | 1-50 Sprinklers - \$225 | 21-100 Sprinklers-\$400 rev/\$750 rev+inspection | 21-100 Sprinklers-\$437 rev/\$857 rev + inspeciton |
| | 101-200 Sprinkler Heads - \$525 | 50-200 Sprinklers - \$675 | 101-200 Sprinklers-\$525 rev/\$1100 rev+inspect | 101-200 Sprinklers-\$582 rev/\$1197 rev+inspection |
| | 201-300 Sprinkler Heads - \$575 | 201-400 Sprinklers - \$1000 | 201-300 Sprinklers-\$650 rev/\$1250 rev+inspect | 201-300 Sprinklers-\$667 rev/\$1322 rev+inspection |
| | 301-400 Sprinkler Heads - \$600 | 401-600 Sprinklers - \$1225 | 301-500 Sprinklers-\$900 rev/\$1500 rev+inspect | 301-500 Sprinklers-\$982 rev/\$1672 rev+inspection |
| | 401 - 500 Sprinkler Heads - \$695 | 601-800 Sprinklers - \$1500 | Over 500 Sprinklers-\$900+\$1 over 500 rev/ | Over 500 Sprinklers-\$982+\$1.09 over 500 rev/ |
| | Over 500 Heads - \$700 Plus \$.50 per head over | Over 801 Sprinklers \$1.25 each add sprinkler | \$1500+\$1.05 over 500 rev + inspection | \$1672+\$1.20 over 500 rev+inspection |
| × | Prices include 2 sets of hydraulic calculations | Fire Pumps add \$250 per pump | NFPA 13D Sprinkler Systems: | Residential NFPA 13D |
| | for review. Additional set - \$150. | Standpipes add \$75 per hose outlet | 1-25 Sprinklers-\$175 rev/\$300 rev+inspection | 1-25 Sprinklers-\$187 rev/\$317 rev + inspection |
| | Rush processing \$500 surcharge (3 days) | Undergrd water mains add \$25/300 LF of pipe | 26-50 Sprinklers-\$200 rev/\$325 rev+inspection | 26-50 Sprinklers-\$222 rev/\$342 rev + inspeciton |
| | Additional Sprinkler/Standpipe System Items | Fire Detection & Signaling Systems | 51-100 Sprinklers-\$225 rev/\$350 rev+inspection | 51-100 Sprinklers-\$232 rev/\$352 rev + inspection |
| | Fire Pump - \$350 | 1-50 Devices - \$225 | Over 100 Sprinklers-\$225+\$1 over 100 rev/ | Over 100 sprinklers-\$232+\$1.16 over 100 rev/ |
| | Standpipes - per riser - \$250 | 50-100 Devices - \$1200 | \$350+\$1.25 over 100 rev and inspection | \$352+\$1.55 over 100 rev + inspection |
| | Additional Hydraulic Calculations - \$150 | 101-200 Devices - \$1800 | Fire Alarm Systems | Fire Detection and Alarm Systems |
| | Special Fire Suppression Systems | Over 200 Devices - \$225 plus hourly rate | 1-25 Devices-\$200 rev/\$350 rev+inspection | 1-25 Devices-\$202 rev/\$392 rev + one inspection |
| | Dry/Wet chemical or Hood/Duct (per | Restaurant Wet Chemical Review | 26-50 Devices-\$400 rev/\$700 rev+inspection | 26-50 Devices-\$437 rev/\$782 rev + inspection |
| | system - \$600 | 1-50 Devices - \$500 | 51-75 Devices-\$600 rev/\$1000 rev+inspection | 51-75 Devices-\$702 rev/\$1072 rev + inspection |
| A 6 M A 80 B | Clean Agent/Halon (per system) - \$750 | Over 50 Devices - \$225 plus hourly rate | 76-100 Devices-\$800 rev/\$1200 rev+inspection | 76-100 Devices-\$852 rev/\$1222 rev + inspection |
| 2 | Fire Alarm/Detection Systems | Gas Suppression, Dry Chemical, Water Mist, | 101-125 Devices-\$1000 rev/\$1350 rev+inspection | 101-125 Devices-\$1022 rev/\$1387 rev + inspection |
| | 1 to 50 Devices - \$450 | Smoke Control Systems | Over 125 Devices-\$1000+\$5 over 125 rev/ | Over 125 Devices-\$1022+\$5.70 over 125 rev/ |
| | 51 to 75 Devices - \$750 | \$225 plus hourly rate | \$1350+\$7 over 125 rev+inspection | \$1387 + \$8.40 over 125 rev + inspection |
| | 76 to 100 Devices - \$850 | Means of Egress Review | Additional Sprinkler System Components | Standpipe, Fire Pumps, Undergr Water Main Systems |
| | Over 100 Devices - \$950 plus \$4 per device over | | Standpipe Systems \$200 rev/\$500 rev+inspection | Standpipe Sys-\$222 rev/\$547 rev + inspection |
| | Sprinkler System Tenant Improvements | • 15,000-45,000 sf of total bldg area - \$750 | Fire Pumps \$200 rev/\$350 rev + inspection | Fire Pumps-\$202 rev/\$402 rev + inspection |
| | 1 to 25 Sprinkler Heads - \$225 | 45,000-70,000 sf of total bldg area - \$1,000 | Undergrd Water Main \$300 rev/\$500 rev+inspect | Undergrd Water Main-\$362 rev/\$597 rev+inspection |
| N. | 26 to 50 Sprinkler Heads - \$275 | 70,001-100,000 sf of total bldg area - \$1,250 | Wet chemical Suppression Systems | Restaurant Wet Chemical Systems |
| | 51 to 75 Sprinkler Heads - \$300 | Over 101,000 sf of total bldg area-\$1250 plus | 1-15 nozzles-\$250 rev/\$400 rev + inspection | 1-15 nozzles-\$282 rev/\$477 rev + inspection |
| | 76 to 100 Sprinkler Heads - \$425 | minimum hourly rate | 16-30 nozzles-\$350 rev/\$600 rev + inspection | 16-30 nozzles-\$392 rev/\$657 rev + inspection |
| | | Hazardous Material Storage & High Hazardous | 31-50 nozzles-\$500 rev/\$800 rev + inspection | 31-50 nozzles-\$502 rev/\$837 rev + inspection |
| | 2015 - 10% Increase | Occupancy Facilities | Over 50 nozzles \$500+\$8 over 50 rev/\$800+\$14 | Over 50 nozzles-\$502+\$10 over 50 rev/\$837+\$16.70 |
| | | \$900 plus minimum hourly rate after 3 hours | over 50 rev + inspection | over 50 rev + inspection |
| | | Expedited Plan Review with 5 business days | Hood and Duct Systems | Restaurant Mechanical Hood and Duct Systems |
| | | Twice the final review fee cost | Mechanical Hood-\$300 per hood; \$150 add | Mechanical Hoods & Duct System-\$392 per system |
| | | Inspections & Witnessing Acceptance-Testing | system review/\$700 per hood; \$300 add | \$197 each additional at same time & same bldg rev/ |
| | | Site inspection & report development -\$145/hr | system review + inspection | \$772 per system \$387 each additional at same time |
| | | minimum of 1 1/2 hours | Smoke Control System | & same bldg rev + inspection |
| | | Meetings w/ legal counsel or court attendance | Smoke Control \$700 system up to 6 hrs; hrly | Smoke Control/Management/Exhaust Systems |
| | | Standard hourly rates apply - minimum 1 1/2 hrs | rate after 6 hrs review/\$1300 system up to | Smoke Control/Mgmt-\$752 min per system+hrly |
| | | ocanidara nourly races apply minimum 1 1/2 1115 | Tate after offis review/\$1300 system up to | Smoke control/Mgmt-3/32 min per system tilly |

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| | | Inspection or meeting cancellation fee for | 12 hrs; hrly rate after 12 hrs rev+inspection | rate after 6 hrs rev/\$1502 min per system + hrly |
| | | failure to provide a 24 hr cancellation notice | Clean Agent Suppression/Dry Chemical Systems | rate after 12 hrs rev + inspection |
| | | hourly rate of \$145 - minimum of 1/1/2 hrs | 1 -50 lbs-\$225 rev/\$500 rev + inspection | Clean Agent Suppression Systems/Dry Chem Sys |
| | | | 51-100 lbs-\$275 rev/\$600 rev + inspection | 0-5000 cf-\$467 rev/\$867 rev + inspection |
| _ | | 2015 - | 101-200 lbs-\$300 rev/\$625 rev + inspection | 5001-10,000 cf-\$582 rev/\$982 rev + inspection |
| | | | 201-300 lbs- \$325 rev/\$650 rev + inspection | Over 10,000 cf-\$582+\$.05 cf over 10,000 rev/\$982 |
| | | | 301-400 lbs-\$350 rev/\$725 rev + inspection | plus \$.10 over 10,000 rev + inspection |
| | | | 401-500 lbs-\$375 rev/\$825 rev + inspection | *May require additional fire alarm review fee |
| | | | 501-750 lbs-\$450 rev/\$875 rev + inspection | Fire Code Plan Review |
| L | | | 751-1000 lbs-\$525 rev/\$900 rev + inspection | Basic Code Review \$452 rev/\$852 rev+inspection |
| | | | Over 1000-\$525+\$.20 lb over rev/\$900+\$.40 lb | Special Code Review \$902 rev/\$1352 rev+inspection |
| | | | over 2000 rev + inspection | *Additional Fees may apply for complex projects |
| | | | Fire Code Plan Review | Life Safety Code Plan Review |
| | | | Fire & Emerg Planning \$300; hrly after 3 hrs rev/ | Up to 10,000 \$352 rev/\$677 rev + inspection |
| | | | \$700; hrly after 6 hrs rev + inspection | 10,001-30,000-\$362 rev/\$732 rev + inspection |
| | | | Special Hazard \$400; hrly after 4 hrs rev/\$900 | 30,001-60,000-\$407 rev/\$777 rev + inspection |
| | | | hrly after 8 hrs rev + inspection | 60,001-80,000-\$462 rev/\$842 rev + inspection |
| · | | | *Minimum Inspection fee is \$150 | \$80,001-100,000-\$517 rev/\$897 rev + inspection |
| | | | *Fire Protect & Life Safety Consult \$100/hr | 100,001-150,000-\$632 rev/\$1377 rev + inspection |
| | | | | 150,001-\$200,000-\$722 rev/\$1662 rev + inspection |
| | | | | Life Safety Code \$722+\$1.95/10,000 cf over 200,000 |
| | • | | | cf/15% reduction tenant space/w/inspections |
| | | | | \$1662+ \$3.95/10,000 cf over 200,000 cf |
| | | | | Electronic plan review surcharge \$75 per discipline |
| | | | | All fire protection plan review fees w/ inspections |
| | | | | include all field inspections are completed for one |
| | | | | set fee per project discipline with some exceptions |
| | | | | as noted. 72 hrs notice for inspections. Minimum |
| | | | | inspection fee \$150. Added fees large, design/bld |
| | | | | Consulting \$140/hr; Legal \$200/hr |
| 1 | | | | |
| Number of reviews covered by review fee | Initial review and one re-submittal. Subse- | Based on initial review & 2 re-reviews; 3 or | Fees charge are one-time fee for reviews; | All plan reviews are completed for one set |
| | quent review at \$150/hr with 3 hr average | more at 50% | no additional fees for subsequent reviews | fee per project discipline |
| | Usually at 3rd and subsequent reviews, | | | |
| | review process is shorter | | | |
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| Responsibilities of RH | Most effective for RH to receive and route | Construction Doc submitted by RH, electronic | Send the reviews to Fire Savvy, unless | RH needs to forward plans to FSCI in Pleasant |
| | plans to consultant for review. They then will | submittal process is encouraged to streamline | permitted to send directly and receiving | Ridge MI; RH calls FSCI in Pleasant Ridge MI to |
| | communicate directly w/ submitting company | & expedite. RH to provide format of letter. | drawings after they have been reviewed. A | schedule inspections |
| | to arrive at code compliant plans. Once plans | | phone call to Fire Savvy is all that is | |
| | approved, they will call submitting company | | necessary to coordinate the inspections | |
| | for payment who pay directly and then plans | | | |
| | released to RH for permitting. | | | |
| | | | | |
| Billing Procedures | Depending on method agreed upon, client | Invoice terms are net 30 days from date of | Bill after each plan review. Inspections are | FSCI invoices for the plan review with the return |
| | can pay directly and avoid any billing efforts | invoice | billed hourly. Billing will be sent monthly | of the first submittal. Fees for inspections are |
| | at all. If City wants to control that process, | | unless another time frame is more convenient | currently invoiced at an hourly rate. Billing will |
| | they agree to RH billing rules. | | for City & their clients. Will bill in manner | be transmitted monthly. |
| | | | most convenient to City | |
| | | | | |
| Complete description of services for City | Full fire suppression and fire alarm plan | Prof const doc review and facility inspection | Professional consultation, plan review, | Inspections and witnessing of both new and |
| | review and follow-up inspections | services for municipalities and fire districts; | inspection and general fire protection | existing fire protection/bldg code system testing |
| | | clients benefit from years of prof fire protec- | practices for City; provide safe environment | for municipalities; inspect for compliance with |
| | | tion, understands importance of code com- | for City; Conduct plan reviews, provide written | applicable codes & approved plans, will provide |
| | | pliance. Nexus includes: fire suppression, | report that services as template for inspections | report on inspections, tests performed & recom- |
| 111111111111111111111111111111111111111 | · | alarm plan review & inspection, fire preven- | w/ reminders & checklists for inspector; | mendations. Can inspect all fire protection/bldg |
| | | tion program mgmt assessments, fire, bldg | conduct inspections in conjunction w/ em- | code systems including auto fire sprinikler systems |
| | | & life safety code consulting construction doc | ployees of RH & witness any and all inspections | fire alarm systems, clean agent & gas suppression |
| | | review, fixed fire protection system consult- | as required by City. Upon completion will | systems, kitchen mechanical hood systems, |
| | | ing, inspection & testing of fire protection | provide written report indicating outcome | kitchen hood suppression systems, smoke control |
| | | systems, bldg & fire inspections, analysis & | of findings & test results of inspection; | systems, existing requirements, fire stopping & |
| , | | drafting of proposed fire & bldg code amend- | available for pre-construction mtgs and | fire-rated wall construction; train RH personnel. |
| | | ments, development of customized pre- | outside normal business hours | Educational Seminars |
| | | incident plans, fire investigations | • | |
| | | | | |
| Contract | To follow | Attached | No contract required | No contract required |
| | | , | | |
| Insurance Requirements | Yes | Yes | Yes | Yes |
| Hold Harmless Agreement | Yes | Yes | Yes | Yes |
| | | | | |
| | | | Will extend to MITN Cooperative | |
| | | | Employees have worked with RH as employees | |
| | | | of previously contracted fire protection | |
| | | | consulting company and are very familiar with | |
| | | | RH processes. | The state of the s |