

Mission Statement

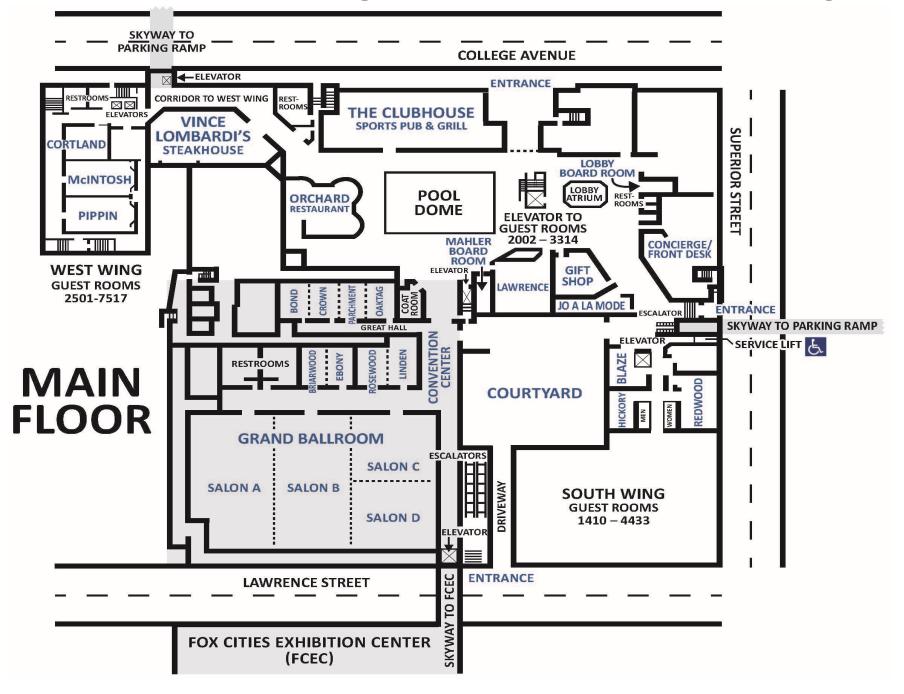
The Wisconsin Healthcare Engineering Association is a premier organization providing quality education; advocacy and outreach within our healthcare community. WHEA is recognized by local and national regulatory organizations as an essential partner in the codes and standards development and compliance process. The key to our success is a commitment to our members and the development of professional relationships.

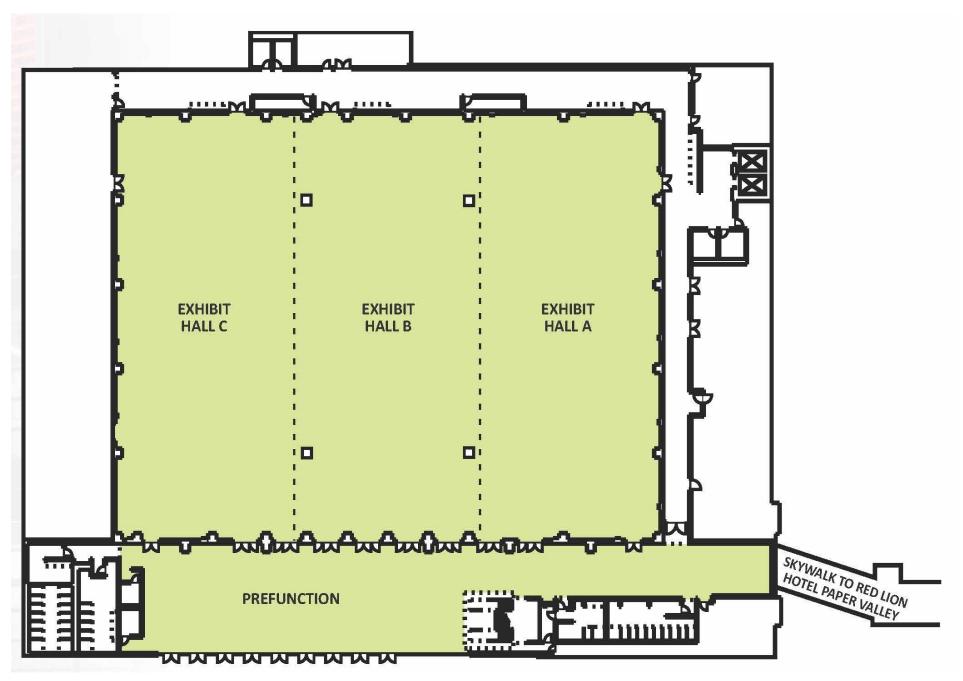
2019 CONFERENCE AGENDA

Tuesda	y, Sep	tember 17
10:00 AM -	11:00 AM	Conference Committee Meeting (Lawrence Rm)
11:30 AM Re	gistration Op	pens (Mahler Boardroom/Atrium)
12:00 PM -	12:30 PM	Conference Welcome: Kevin Feyen, WHEA Vice President (Salon AB)
12:30 PM -	1:30 PM	Keynote Speaker: Barry Alvarez, Athletic Director of UW Madison (Salon AB)
1:30 PM -	1:40 PM	Break
1:40 PM -	2:50 PM	"Water Safety During Construction: Avoiding the 'Perfect Storm'", Molly M. Scanlon, PhD, FAIA, FACHA; Phigenics (Salon AB)
2:50 PM -	3:00 PM	Break
3:00 PM -	4:30 PM	"Energy Management at Gundersen Health System", Tim Wilson, Alan Eber, Gundersen Lutheran (Salon AB)
5:00 PM -	7:00 PM	Conference Open House *Name Badges Required * (Hotel Atrium/Salon CD)
Wednes	sday, S	September 18
7:00 AM Reg	gistration Op	pens (Mahler Boardroom/Atrium)
7:00 AM -	8:00 AM	WHEA New Board Orientation Meeting (Lawrence Rm)
8:00 AM -	9:00 AM	"DHS Plan Review and Inspection Update", Henry Kosarzycki, David Lintz, Mike Roberts, WI DHS (Salon AB)
9:30 AM -	1:30 PM	Technical Exhibition 9:30 AM - Coffee & Rolls 12:00 PM - 1:00 PM - Lunch (Fox Cities Exhibition Center)
2:00 PM -	3:30 PM	Track 1: Code Committee Update, Hospitals, ASCs & Clinics - "Code Committee Updates", Jeff Eckstein; "NFPA 99 Update", Richard Helfrich, WHEA Code Committee (Salon AB)
		Track 2: Code Committee Update (Senior Living) - "Life Safety Survey Updates - Top 10, New Trends, and Best Practices, David Soens, WHEA Code Committee (Salon CD)
3:30 PM -	3:45 PM	Break
3:45 PM -	5:00 PM	Track 1: Code Committee Update (Hospitals, ASCs and Clinics) - "ASHRAE Update", Jeff Boldt; "CMS, USP, and EPA", Marge McFarlane, WHEA Codes & Standards Committee (Salon AB)
		Track 2: Code Committee Update (Senior Living) - "Life Safety Survey Updates – Top 10, New Trends, and Best Practices, David Soens, WHEA Code Committee (Salon CD)
Thursda	ay, Se _l	ptember 19
7:25 AM -	8:25 AM	Chapter II Meeting (McIntosh Rm)
		Chapter III Meeting (Pippin Rm)
8:00 AM Reg	gistration Op	pens (Mahler Boardroom/Atrium)
		"Documentation Needed for a Successful Life Safety Survey", Brad Keyes, CHSP, Healthcare Consultant, Compliance One (Salon AB)
10:00 AM -	10:15 AM	Break
10:15 AM -	12:15 PM	"Understanding CMS" and "Strange Observations", Brad Keyes, CHSP, Healthcare Consultant, Compliance One (Salon AB)
12:30 PM -	2:30 PM	Lunch & Annual Meeting (Salon CD)
2:45 PM -	4:30 PM	"Indoor Air Quality and It's Impact on Patients and the Healthcare Industry", Dr. Stephanie Taylor, Taylor Health Consulting (Salon AB)
5:00 PM -	10:30 PM	Social Hour / Annual Awards Presentation & Banquet (Appleton Performing Arts Center / PAC)
Friday,	Septe	mber 20
8:00 AM Reg	gistration Op	pens (Mahler Boardroom/Atrium)
8:30 AM -	10:30 AM	"Joint Commission Update", Richard Smith, CHFM, CHSP, Life Safety Code Surveyor, The Joint Commission (Salon AB)
10:30 AM -	10:45 AM	Break

10:45 AM - 12:00 PM "Joint Commission Update", (continued) (Salon AB)

Red Lion Paper Valley Hotel & Conference Layout





Fox Cities Exhibition Center Layout

WHEA Annual Conference Certificate of Attendance



A certificate of attendance with the appropriate Education Contact Hours/CEUs will be emailed out to all attendees by September 27, 2019. If you do not receive your certificate, please contact Jane at info@whea.com and one will be emailed to you.

521 A&J Property Restoration Inc 720 Little Potato Way De Forest, WI 53532 we are a property restoration company.	126 ACP 2341 Industrial Dr Neenah, WI 54956 genesis, a maintenance free ceiling solutions	124 Advanced Chemical Systems Inc 9640 S 60th St Franklin, WI 53132 boiler and cooling tower products and service	513 Affiliated Engineers Inc 5802 Research Park Blvd Madison, WI 53719 mep/fp engineering services
519 Air Maintenance Inc W230 N4933 Betker Dr Pewaukee, WI 53072 hvac duct cleaning	821/823/825/827 AirFlow Inc 8355 W Bradley Rd Milwaukee, WI 53223 air flow for or's, hvac, health care	417 Airwater 2564 Branch St #1 Midddleton, WI 53562 uv air disinfection and water purification	413 ALCO Sales & Service Co 6851 High Grove Blvd Burr Ridge, IL 60527 medical equipment and parts
810 Allegion 32 E Oak St Fox Lake, IL 60020 door harware, electronic security devices	123 Alpha Insulation and Waterproofing Inc 1330 E Waterford Ave St. Francis, WI 53235 fire barrier remediation and other division 7	224 American Research Products Inc (ARP) 7095 Mindew Dr Byron Center, MI 49315 humidification systems	710 AMS Steam Products LLC 7500 N 81st St Milwaukee, WI 53223 premier boiler room equipment distributor
318 AQUIS 7616 Southland Blvd Orlando, FL 32809 air handling unit refurbishment	824 ARC 12657 Alcosta Blvd Ste 200 San Ramon, CA 94583 facility, emergency and compliance software	222 Arrow AV Group 1209 Fullview Dr Appleton, WI 54913 audio-video systems voice privacy systems	223 ASCO Power Services 200 N Martingale Rd Ste 1000 Schaumburg, IL 60173 emergency power transfer equipment
613 ASSA ABLOY - Door Security Solutions 91 Southfield Dr Vernon Hills, IL 60061 the global leader in door opening solutions	322 ATG a JLL Company 377 E Butterfield Rd Lombard, IL 60148 healthcare director	205/207 August Winter & Sons Inc 2323 N Roemer Rd Appleton, WI 54911 mechanical contractor, fabricator & engineers	113 Automatic Entrances of WI 1712 Paramount Ct Waukesha, WI 53186 automatic slide, swing and revolving doors.
108 Ayres Associates 3433 Oakwood Hills Pkwy Eau Claire, WI 54701 engineering, architecture, landscape arch	209/211 Badger Balancing LLC 8688 County Road K Omro, WI 54963 air and water flow measurement	607 Balestrieri Environmental & Development 1538 Country Club Pkwy Elkhorn, WI 53121 turn key environmental remediation services	418 Bassett Mechanical 1215 Hyland Ave Kaukauna, WI 54130 industrial refrigeration, HVAC, plumbing, metal fab, service

509 B-E Controls LLC 350 S Tower St Saukville, WI 53080 building envelope facility managment	517 BeaconMedaes 440 N Wabash Ave #3008 Chicago, IL 60611 medical gas systems and technician service	511 Beeler Construction Inc N56 W16758 Ridgewood Dr Menomonee Falls, WI 53051 commercial general contractor	725 Belimo 33 Turner Rd Danbury, CT 6810 actuators, control valves and sensors
711 Berghammer Construction 4750 N 132nd St Butler, WI 53007 construction management	501 The Boldt Company 2525 N Roemer Rd Appleton, WI 54911 professional construction services	717 Braun ThyssenKrupp Elevator 2829 Royal Ave Madison, WI 53713 elevator service and installation	110 Butters Fetting 1669 S 1st St Milwaukee, WI 53204 full mechanical and service
705 BWBR 1241 John Q Hammons Dr Ste 503 Madison, WI 53717 architecture, interior design, master plannin	201 CD Smith Construction Inc 125 Camelot Drive Fond du Lac, WI 54935 preconstruction and construction management	114 Centerpoint Energy 2810 Crossroads # 3800 Madison, WI 53718 we provide direct purchase natural gas	812 Critical Environments Professionals, Inc (CEPro Inc.) 3350 Salt Creek Ln Ste 116 Arlington Heights, IL 60005 enviro infection control, t&b, clean rooms
324 Certified Professional Restoration 2225 Northern Rd Appleton, WI 54914 Residential and commercial restoration	507 CG Schmidt Inc 11777 West Lake Park Dr Milwaukee, WI 53224 construction management services	104 Chem-Aqua Inc 2220 Grandview Dr Ste 230 Ft. Mitchell, KY 41017 full service water treatment company	715 Chudecke & Associates LLC W135N8110 Wood Ct Menomonee Falls, WI 53051 vfd's , water & air flow measurement devices
516 Class 1 Air 6579 N Sindey Pl Milwaukee, WI 53209 air filter sales and service. usp 797/800	119 CleanPower 124 N 121st St Wauwatosa, WI 53226 janitorial and floor maintenance	111 Coakley Brothers 400 S 5th St Milwaukee, WI 53204 relocation and furniture	814 Communications Engineering Company 405 Boyson Rd Hiawatha, IA 52233 a/v, it, fire and security, healthcare and rf
105 Complete Control Inc 640 25th Ave N Wisconsin Rapids, WI 54495 hvac controls, fire & security, energy mgt	605 Compliance One Group 600 E Michigan Ave Ste A Kalamazoo, MI 49007 life safety and compliance services	216 Cummins Sales & Service 800 W Ryan Rd Oak Creek, WI 53154 generators	714 D A Loss Associates Inc 3603 W Oklahoma Ave Milwaukee, WI 53215 door hardware, restroom specialties & lockers

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DIRTT / Lerdahl 7182 US Hwy 14 Middleton, WI 53562	Dirty Ducts Cleaning & Environmental Inc 3025 Perry St Madison, WI 53713	DL Couch/Momentum 499 E Co Rd 300 S NEW CASTLE, IN 47362	Dunham Associates 50 S Sixth St Minneapolis, MN 55402
manufactured construction solutions	environmental remediation, duct cleanings	wallcovering/wall protection & fabric	mep engineers, commissioning, energy services
518 Elite Medical Gas Specialist 13644 Tonka Ln Suring, WI 54174	724 Ellingson Infrastructure Management 56113 State Hwy 56 West Concord, MN 55985	520 Energy Performance Lighting 243 Bonnie Rd Cottage Grove, WI 53527	515 Entrance Technologies LLC 112 S 1st St Eagle River, WI 54521
equipment sales, verifications, service	underground utility construction	energy efficient lighting upgrades	automatic pedestrian door products
800 Eppstein Uhen Architects 333 E Chicago St Milwaukee, WI 53202 architecture + interior design	120 EQ2 LLC 803 Camarillo Springs Rd Ste D Camarillo, CA 93012 cmms software for facilities and biomed	709 Excel Engineering Inc 100 Camelot Dr Fond Du Lac, WI 54935 full-service architectural engineering design	720 Fabick Cat 1 Fabick Dr Fenton, MO 63026 caterpillar power generation - sales & service
416 Fahrner Asphalt Sealers LLC 2800 Mecca Dr PLOVER, WI 54467 full pavement maintenance	409 Faith Technologies 225 Main St Menasha, WI 54952 eco healthcare solutions	522 Fearings Audio Video & Security 722 Walsh Rd Madison, WI 53714 security, audio and av	422 Fiberlock Technologies 150 Dascomb Rd Andover, MA 0 kontrol kube mobile containment units
617 First Supply 2100 W College Ave APPLETON, WI 54914 wholesaler	804 Flad Architects 644 Science Dr Madison, WI 53711 architectural services	423 Fluid Handling Inc W140 N9061 Lilly Rd Menomonee Falls, WI 53051 boilers, heat exchangers, pumps, burners, etc	425 Focus on Energy 440 Science Dr Ste 203 Madison, WI 53711 energy efficiency services
405 Fremont a Kurita Company 4400 Valley Industrial Blvd N Shakopee, MN 55379 water treatment chemistries	707 Furlong Industrial Systems W194 N11221 McCormick Dr Germantown, WI 53022 engineered heat transfer solutions	523 Garratt Callahan 50 Ingold Rd Burlingame, CA 94010 water treatment & legionella consulting	100 General Heating & Air Conditioning 3002 Perry St Madison, WI 53713 heating and cooling

619 Gilbane Building Company 101 W Pleasant St Ste 104 Milwaukee, WI 53212 construction services	625 Global Plasma Solutions Inc 5613 Highwood Dr Edina, MN 55436 needlepoint bi-polar ionization iaq products	621 Globalcom Technologies 3725 N 126th Street Ste F Brookfield, WI 53005 wireless, voice, data, video, security	802 GRAEF 125 S 84th St Ste 401 Milwaukee, WI 53214 engineering and design services
803 Greenfire Management Services 3215 W State St Ste 200 Milwaukee, WI 53208 construction company	805 GROTH Design Group N58 W6181 Columbia Rd Cedarburg, WI 53012 architectural services	801 Grumman/Butkus Associates 1011 N Mayfair Rd Ste 300 Wauwatosa, WI 53226 energy efficient-sustainable design engineers	308 Grunau 1100 W Anderson Ct Oak Creek, WI 53154 med gas, plumbing, hvac, repairs and installs
807 H&H Group Holdings 3201 Latham Dr Madison, WI 53713 commercial construction services	722 Harwood Engineering Consultants LTD 255 N 21st St Milwaukee, WI 53233 mech plumb elect civil struct consulting	713 Henneman Engineering 1232 Fourier Dr Madison, WI 53717 mep, it/av, cx engineering services	512 Hepacart 9825 Widmer Rd Lenexa, KS 66205 containment & infection control equipment
704/706 Herkowski Stickler Associates 203 S Curtis Rd Milwaukee, WI 53214 plumbing, heating, and industrial supplies	525 Herregan Distributors 9340 N 107th St Milwaukee, WI 53224 commercial flooring products	203 HGA 333 E Erie Street Milwaukee, WI 53202 engineering (mep, structural) / architecture	305/307 Hilti Inc 38835 N Northwoods Dr Wadsworth, IL 60083 construction supplies and tools - manufacturer
309 Hoffman Planning Design & Construction Inc 122 E College Ave Ste 1G Appleton, WI 54911 hoffman planning, design & construction, inc	HOH Water Technology 6657 Industrial Loop Greendale, WI 53129 water treatment products and services	716 Holton Brothers 1257 Terminal Rd GRAFTON, WI 53024 masonry restroation	Hooper Corporation 2030 Pennsylvania Ave Madison, WI 53704 electric power and mechanical experience
107 HSR Associates Inc 100 Milwaukee St La Crosse, WI 54603 architectural, engineering, interior design	813 Hurckman Mechanical Industries Inc 1450 Velp Ave Green Bay, WI 54303 mechanical contractor	315/317 Hydro-flo Products Inc 3655 N 124th St Brookfield, WI 53005 manufacturer rep for hydronic and steam equip	723 Ideacom Mid-America 30 W Water St St Paul, MN 55107 critical communications, security, it service

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700 IMEG Corp 1800 Deming Way Ste 200 Middleton, WI 53562 engineering design services	106 Inpro Corporation S80 W18766 Apollo Dr Muskego, WI 53150 interior and exterior architectural products	822 Intertek-PSI 821 Corporate Ct Waukesha, WI 53189 engineering/consulting/testing	601/603 J F Ahern Co 855 Morris St Fond du Lac, WI 54935 mechanical contracting
403 JH Findorff and Son 1600 N 6th St Milwaukee, WI 53212 general construction/construction management	313 JMB & Associates LLC N50 W13906 Overview Dr Menomonee Falls, WI 53051 vfds, fume hoods, gas detection, air flow	401/500 Johnson Controls N961 Tower View Dr Greenville, WI 54942 low voltage solutions	300 JP Cullen 330 E Delavan Dr Janesville, WI 53546 healthcare construction services
703 JSD Professional Services Inc 161 Horizon Dr Ste 101 Verona, WI 53593 multi-disciplinary civil engineering firm	701 Kahler Slater 111 W Wisconsin Ave Milwaukee, WI 53203 architect firm	117 Kelmann Restoration 12001 W Dearbourn Ave Wauwatosa, WI 53226 emergency water and fire damage restoration	524 KONE 5801 S Pennsylvania Ave Cudahy, WI 53110 kone adamin
306 Kraemer Brothers 925 Park Ave Plain, WI 53577 general construction/construction management	302 Kraus-Anderson Construction Company 4125 Terminal Dr Ste 100 McFarland, WI 53558 general contractor, construction manager	310 KRS Inc 2244 W Bluemound Rd Ste B Waukesha, WI 53186 healthcare flooring solutions	200/202 LaForce Inc 1060 W Mason St Green Bay, WI 54303 doors, frames, security. div. 10, arch services
218 Legacy Services Corporation 15703 Jarvis St NW Elk River, MN 55330 ventilation system cleaning/mold contractor	719 Leviton Mfg 201 N Service Rd Melville, NY 11747 electrical wiring devices.	206/208 Maccos Commercial Interiors 2325 Hutson Rd Green Bay, WI 54313 commercial flooring	219 Madison Environmental Resourcing Inc (MERI) 800 Uniek Dr Waunakee, WI 53597 medical waste disposal service
204 Market & Johnson PO Box 630 Eau Claire, WI 54702 construction manager/general contractor	623 Masters Building Solutions 10950 W Rogers St West Allis, WI 53227 hvac technologies, including tridium bas	316 Mavo Systems 4330 Centerville Rd White Bear Lake, MN 55127 specialty services contractor	304 McCotter Energy Systems 904 E Pearson St Milwaukee, WI 53202 boilers, burners, pumps, dearators, & chp

424 MCE PO Box 11064 Green Bay, WI 54307 fiber optic network design and support	122 McKinstry 2310 Crossroads Dr Ste 5200 Madison, WI 53718 facility services	116 Medgas Solutions 10180 S 54th St Franklin, WI 53132 medical gas service, installation, pms	121 Medical Gas Systems Inc 1923 Swenson St Stillwater, MN 55082 medical gas testing and consulting
412 MEP Associates LLC 2720 Arbor Ct Eau Claire, WI 54701 engineering services	400 Miron Construction Co Inc 1471 McMahon Dr Neenah, WI 54956 general contractor/construction firm	407 Mortenson 17975 West Sarah Ln Brookfield, WI 53045 cm/gc/developer	325 MVTL Laboratories 1126 N Front St New Ulm, MN 56073 mvtl is a testing lab for legionella.
220 NCSRCC 5202 Monument Ln Madison, WI 53704 education	702 NEI Electric 3233 Louis Ave Suite E Eau Claire, WI 54703 electrical contractor	125 NV Technologies Fire and Security W275N4111 Ishnala Trail Pewaukee, WI 53072 fire protection inspection services.	819 Ohio Medical 1111 Lakeside Dr Gurnee, IL 60031 medical gas products
215 Omni Technologies LLC 900 Oregon Center Dr Oregon, WI 53575 install nurse call, security, fire alarm, audio/video	506 PBBS Equipment Corporation N59W16500 Greenway Circle Menomonee Falls, WI 53051 boiler service, repair, parts & sales	221 Performance Firestop Inc 704 Lombardi Ave Green Bay, WI 54304 firestopping	214 Pevco 1401 Tangier Dr Middle River, MD 21220 hospital pneumatic tube system manufacturer
319 PG LifeLink 167 Gap Way Erlanger, KY 41018 manufacturer of isolated power panels	212 Phigenics 4650 N Port Washington Rd Ste 132 Glendal, WI 53212 water management programs	301 Pieper Electric Inc and Systems Technologies 5477 S Westridge Ct New Berlin, WI 53151 electrical and technology contractor	101 Plunkett Raysich Architects LLP 209 S Water St Milwaukee, WI 53204 architecture and interior design
816 Point of Beginning Inc - POB 5709 Windy Dr Ste D Stevens Point, WI 54482 civil engineering & landscape architecture	312 Primex 965 S Wells St Lake Geneva, WI 53147 synchronized time and monitoring systems.	103 Purely Med Gas Inc 413 McKenzie Dr Mukwonago, WI 53149 medical gas services-professional & technical	414 Quality Door & Hardware LLC 311 5th Ave N Wisconsin Rapids, WI 54495 commercial door, frame & hardware supplier

818 Quality Power Solutions LLC 5718 Manufacturers Dr Madison, WI 53718	817 Quality Roofing Inc 1507 Laemle Ave Marshfield, WI 54449	808 raSmith 16745 W Bluemound Rd Brookfield, WI 53005	408 Riley Construction N19 W23993 Ridgeview Pkwy Waukesha, WI 53188
emergency back-up power equipment & services.	commercial roofing and sheet metal	civil, structural, landscape architecture	construction management, general contractor
502/504 Ring & DuChateau Consulting Engineers 17400 W Capitol Dr Brookfield, WI 53045 mept engineering consulting services	213 River Valley Architects Inc 3300 Birch St Eau Claire, WI 54703 architectural design services	303 RTM Engineering Consultants 316 NMilwaukee St Ste 560 Milwaukee, WI 53202 mept engineering	210 The Samuels Group Inc 311 Financial Way Ste 300 Wausau, WI 54401 construction management/interior furnishings
217 Schindler Elevator 699 N Hickory Farm Ln Appleton, WI 54914 elevator service, repair, mod, and install	415 Schumacher Elevator Co One Schumacher Way PO Box 393 Denver, IA 50622 design manuf install service repair modernize	311 ServiceMaster Recovery Services 2215 S 162nd St New Berlin, WI 53151 emergency disaster response: 24/7/365	611 Shannon Specialty Floors 1005 S 60th St Milwaukee, WI 53214 commercial flooring manufacturer/distributor
815 Shared Purchasing Solutions 1100 Olive Way Ste 1030 Seattle, WA 98101 sps is a group purchasing organization.	609 Somerville Architects and Engineers 2100 Riverside Dr Ste 300 Green Bay, WI 54301 architectural, engineering & interior design	510 Specified Technologies Inc 210 Evans Way Branchburg, NJ 0 firestop products	420 STARC Systems 166 Orion St Brunswick, ME 0 reusable temporary containment walls - icra
118 Sterling Services 14895 Pershing Dr Brookfield, WI 53005 flooring: saniglaze tile & grout, also epoxy	514 Sterling Water Inc dba Culligan 1928 Truax Eau Claire, WI 54703 water treatment products and services	115 Switchgear Power Solutions 901 Forest Ave Sheboygan, WI 53085 electrical products, testing, safety services	314 TDS Automatic Door LLC 4500 S Burrell St Milwaukee, WI 53207 automatic doors
503/505 Total Water 5002 World Dairy Dr Madison, WI 53718 ultrapure water systems	225 TRAKA USA 1925 Traylor Blvd Orlando, FL 32804 intelligent key cabinets and asset lockers	410 Trane Wisconsin Madison, Milwaukee and Appleton hvac	508 Tremco Roofing and Building Maintenance 3060 E 44th St Vernon, CA 90058 roofing and weatherproofing

402/404 Tweet/Garot Mechanical Inc 325 Reid St De Pere, WI 54115 mechanical contractor	820 US Vet General Contracting LLC 5350 Paulson Rd McFarland, WI 53558 general contracting	806 Victaulic 106 W Pine St Dodgeville, WI 53533 mechanical pipe joining solutions	721 Vyron 401 Pilot Ct Waukesha, WI 53188 hvac equipment, humidification
320 Watertech of America Inc 5000 S 110th St Greenfield, WI 53228 water treatment services.	712 Weishaupt America Inc 2587 Millennium Dr Unit A Elgin, IL 60124 gas, oil and dual fuel burners	809/811 Weldy Lamont 1040 W Northwest Hwy Mount Prospect, IL 60056 russelectric, bender, active power, weg, s&c	708 Wendel 800 Wisconsin Pl Banbury Place Building D04 Suite 202 Mailbox 2 Eau Claire, WI 54703 architecture, engineering, energy, cm
321/323 WHEA PO Box 1782 Appleton, WI 54912 technical exhibition information booth	421 Wil-Kil Pest Control 1828 East Wisconsin Ave Appleton, WI 54911 pest management and exclusion services	411 Wold Architects and Engineers 332 Minnesota Street Ste W2000 St Paul, MN 55101 architecture & engineering	406 Zimmerman Architectural Studios Inc 2122 W Mount Vernon Ave Milwaukee, WI 53233 architectural planning & design services

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100 General Heating & Air Conditioning 3002 Perry St Madison, WI 53713 heating and cooling	101 Plunkett Raysich Architects LLP 209 S Water St Milwaukee, WI 53204 architecture and interior design	102 Hooper Corporation 2030 Pennsylvania Ave Madison, WI 53704 electric power and mechanical experience	103 Purely Med Gas Inc 413 McKenzie Dr Mukwonago, WI 53149 medical gas services-professional & technical
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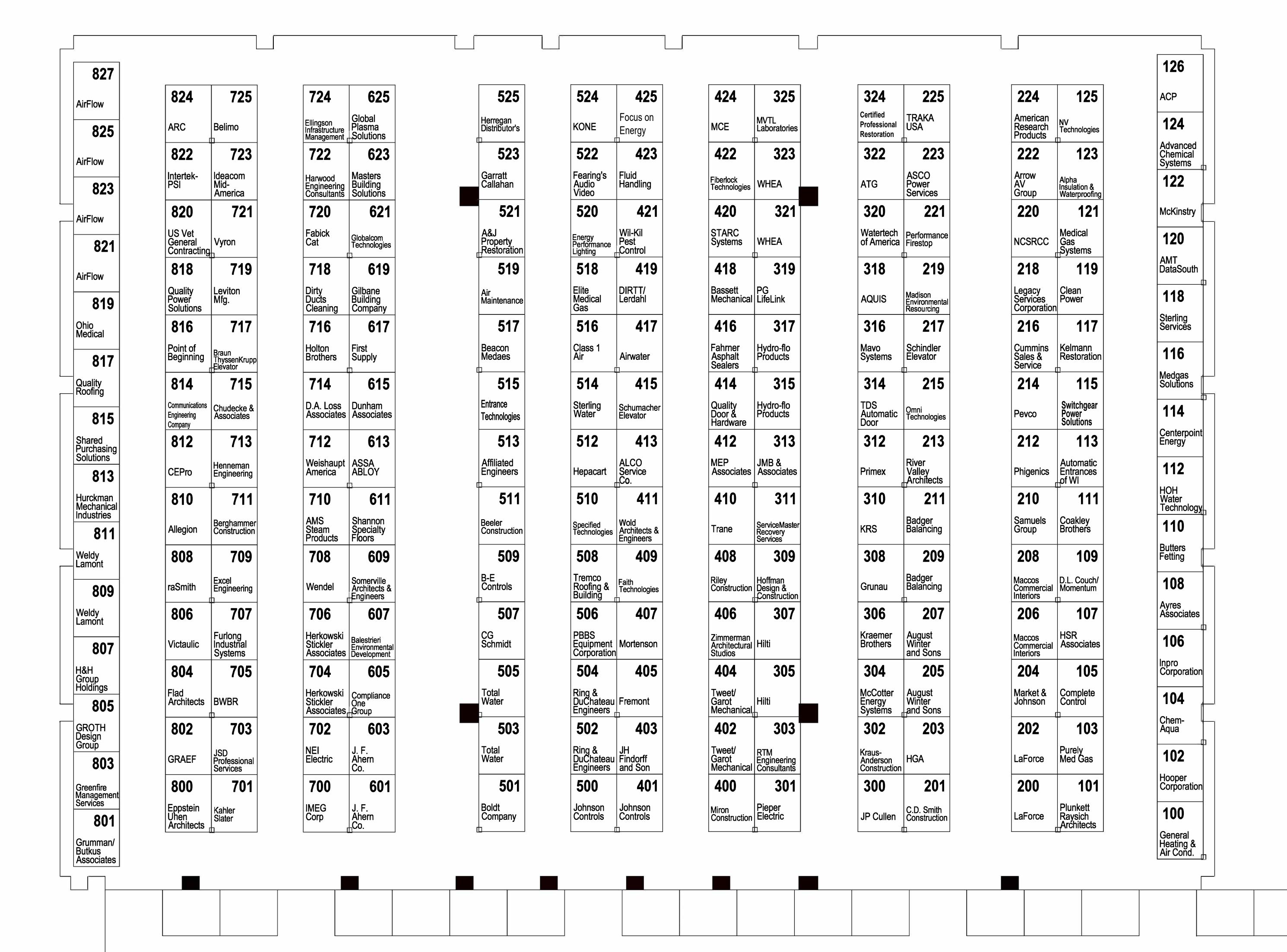
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413 ALCO Sales & Service Co 6851 High Grove Blvd Burr Ridge, IL 60527 medical equipment and parts	414 Quality Door & Hardware LLC 311 5th Ave N Wisconsin Rapids, WI 54495 commercial door, frame & hardware supplier	415 Schumacher Elevator Co One Schumacher Way PO Box 393 Denver, IA 50622 design manuf install service repair modernize	416 Fahrner Asphalt Sealers LLC 2800 Mecca Dr PLOVER, WI 54467 full pavement maintenance
417 Airwater 2564 Branch St #1 Midddleton, WI 53562 uv air disinfection and water purification	418 Bassett Mechanical 1215 Hyland Ave Kaukauna, WI 54130 industrial refrigeration, HVAC, plumbing, metal fab, service	419 DIRTT / Lerdahl 7182 US Hwy 14 Middleton, WI 53562 manufactured construction solutions	420 STARC Systems 166 Orion St Brunswick, ME 0 reusable temporary containment walls - icra
421 Wil-Kil Pest Control 1828 East Wisconsin Ave Appleton, WI 54911 pest management and exclusion services	422 Fiberlock Technologies 150 Dascomb Rd Andover, MA 0 kontrol kube mobile containment units	423 Fluid Handling Inc W140 N9061 Lilly Rd Menomonee Falls, WI 53051 boilers, heat exchangers, pumps, burners, etc	424 MCE PO Box 11064 Green Bay, WI 54307 fiber optic network design and support

425 Focus on Energy 440 Science Dr Ste 203 Madison, WI 53711 energy efficiency services	501 The Boldt Company 2525 N Roemer Rd Appleton, WI 54911 professional construction services	502/504 Ring & DuChateau Consulting Engineers 17400 W Capitol Dr Brookfield, WI 53045 mept engineering consulting services	503/505 Total Water 5002 World Dairy Dr Madison, WI 53718 ultrapure water systems
506 PBBS Equipment Corporation N59W16500 Greenway Circle Menomonee Falls, WI 53051 boiler service, repair, parts & sales	507 CG Schmidt Inc 11777 West Lake Park Dr Milwaukee, WI 53224 construction management services	508 Tremco Roofing and Building Maintenance 3060 E 44th St Vernon, CA 90058 roofing and weatherproofing	509 B-E Controls LLC 350 S Tower St Saukville, WI 53080 building envelope facility management
510 Specified Technologies Inc 210 Evans Way Branchburg, NJ 0 firestop products	511 Beeler Construction Inc N56 W16758 Ridgewood Dr Menomonee Falls, WI 53051 commercial general contractor	512 Hepacart 9825 Widmer Rd Lenexa, KS 66205 containment & infection control equipment	513 Affiliated Engineers Inc 5802 Research Park Blvd Madison, WI 53719 mep/fp engineering services
514 Sterling Water Inc dba Culligan 1928 Truax Eau Claire, WI 54703 water treatment products and services	515 Entrance Technologies LLC 112 S 1st St Eagle River, WI 54521 automatic pedestrian door products	516 Class 1 Air 6579 N Sindey Pl Milwaukee, WI 53209 air filter sales and service. usp 797/800	517 BeaconMedaes 440 N Wabash Ave #3008 Chicago, IL 60611 medical gas systems and technician service
518 Elite Medical Gas Specialist 13644 Tonka Ln Suring, WI 54174 equipment sales, verifications, service	519 Air Maintenance Inc W230 N4933 Betker Dr Pewaukee, WI 53072 hvac duct cleaning	520 Energy Performance Lighting 243 Bonnie Rd Cottage Grove, WI 53527 energy efficient lighting upgrades	521 A&J Property Restoration Inc 720 Little Potato Way De Forest, WI 53532 we are a property restoration company
522 Fearings Audio Video & Security 722 Walsh Rd Madison, WI 53714 security, audio and av	523 Garratt Callahan 50 Ingold Rd Burlingame, CA 94010 water treatment & legionella consulting	524 KONE 5801 S Pennsylvania Ave Cudahy, WI 53110 kone adamin	525 Herregan Distributors 9340 N 107th St Milwaukee, WI 53224 commercial flooring products

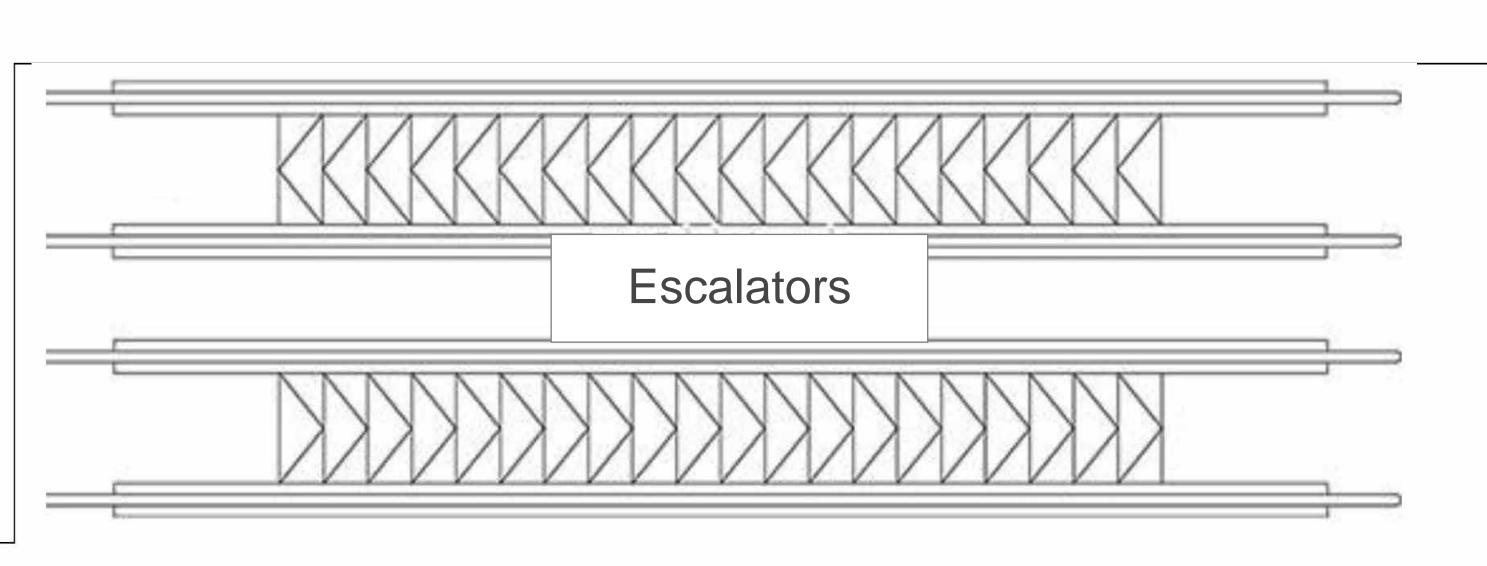
601/603 JF Ahern Co 855 Morris St Fond du Lac, WI 54935 mechanical contracting	605 Compliance One Group 600 E Michigan Ave Ste A Kalamazoo, MI 49007 life safety and compliance services	607 Balestrieri Environmental & Development 1538 Country Club Pkwy Elkhorn, WI 53121 turn key environmental remediation services	609 Somerville Architects and Engineers 2100 Riverside Dr Ste 300 Green Bay, WI 54301 architectural, engineering & interior design
611 Shannon Specialty Floors 1005 S 60th St Milwaukee, WI 53214 commercial flooring manufacturer/distributor	613 ASSA ABLOY - Door Security Solutions 91 Southfield Dr Vernon Hills, IL 60061 the global leader in door opening solutions	615 Dunham Associates 50 S Sixth St Minneapolis, MN 55402 mep engineers, commissiong, energy services	617 First Supply 2100 W College Ave APPLETON, WI 54914 wholesaler
619 Gilbane Building Company 101 W Pleasant St Ste 104 Milwaukee, WI 53212 construction services	621 Globalcom Technologies 3725 N 126th Street Ste F Brookfield, WI 53005 wireless, voice, data, video, security	623 Masters Building Solutions 10950 W Rogers St West Allis, WI 53227 hvac technologies, including tridium bas	625 Global Plasma Solutions Inc 5613 Highwood Dr Edina, MN 55436 needlepoint bi-polar ionization iaq products
700 IMEG Corp 1800 Deming Way Ste 200 Middleton, WI 53562 engineering design services	701 Kahler Slater 111 W Wisconsin Ave Milwaukee, WI 53203 architect firm	702 NEI Electric 3233 Louis Ave Suite E Eau Claire, WI 54703 electrical contractor	703 JSD Professional Services Inc 161 Horizon Dr Ste 101 Verona, WI 53593 multi-disciplinary civil engineering firm
704/706 Herkowski Stickler Associates 203 S Curtis Rd Milwaukee, WI 53214 plumbing, heating, and industrial supplies	705 BWBR 1241 John Q Hammons Dr Ste 503 Madison, WI 53717 architecture, interior design, master planning	707 Furlong Industrial Systems W194 N11221 McCormick Dr Germantown, WI 53022 engineered heat transfer solutions	708 Wendel 800 Wisconsin Pl Banbury Place Building D04 Suite 202 Mailbox 2 Eau Claire, WI 54703 architecture, engineering, energy, cm
709 Excel Engineering Inc 100 Camelot Dr Fond Du Lac, WI 54935 full-service architectural engineering design	710 AMS Steam Products LLC 7500 N 81st St Milwaukee, WI 53223 premier boiler room equipment distributor	711 Berghammer Construction 4750 N 132nd St Butler, WI 53007 construction management	712 Weishaupt America Inc 2587 Millennium Dr Unit A Elgin, IL 60124 gas, oil and dual fuel burners

713 Henneman Engineering 1232 Fourier Dr Madison, WI 53717 mep, it/av, cx engineering services	714 D A Loss Associates Inc 3603 W Oklahoma Ave Milwaukee, WI 53215 door hardware, restroom specialties & lockers	715 Chudecke & Associates LLC W135N8110 Wood Ct Menomonee Falls, WI 53051 vfd's , water & air flow measurement devices	716 Holton Brothers 1257 Terminal Rd GRAFTON, WI 53024 masonry restroation
717 Braun ThyssenKrupp Elevator 2829 Royal Ave Madison, WI 53713 elevator service and installation	718 Dirty Ducts Cleaning & Environmental Inc 3025 Perry St Madison, WI 53713 environmental remediation, duct cleanings	719 Leviton Mfg 201 N Service Rd Melville, NY 11747 electrical wiring devices.	720 Fabick Cat 1 Fabick Dr Fenton, MO 63026 caterpillar power generation - sales & service
721 Vyron 401 Pilot Ct Waukesha, WI 53188 hvac equipment, humidification	722 Harwood Engineering Consultants LTD 255 N 21st St Milwaukee, WI 53233 mech plumb elect civil struct consulting	723 Ideacom Mid-America 30 W Water St St Paul, MN 55107 critical communications, security, it service	724 Ellingson Infrastructure Management 56113 State Hwy 56 West Concord, MN 55985 underground utility construction
725 Belimo 33 Turner Rd Danbury, CT 6810 actuators, control valves and sensors	800 Eppstein Uhen Architects 333 E Chicago St Milwaukee, WI 53202 architecture + interior design	801 Grumman/Butkus Associates 1011 N Mayfair Rd Ste 300 Wauwatosa, WI 53226 energy efficient-sustainable design engineers	802 GRAEF 125 S 84th St Ste 401 Milwaukee, WI 53214 engineering and design services
803 Greenfire Management Services 3215 W State St Ste 200 Milwaukee, WI 53208 construction company	804 Flad Architects 644 Science Dr Madison, WI 53711 architectural services	805 GROTH Design Group N58 W6181 Columbia Rd Cedarburg, WI 53012 architectural services	806 Victaulic 106 W Pine St Dodgeville, WI 53533 mechanical pipe joining solutions
807 H&H Group Holdings 3201 Latham Dr Madison, WI 53713 commercial construction services	808 raSmith 16745 W Bluemound Rd Brookfield, WI 53005 civil, structural, landscape architecture	809/811 Weldy Lamont 1040 W Northwest Hwy Mount Prospect, IL 60056 russelectric, bender, active power, weg, s&c	810 Allegion 32 E Oak St Fox Lake, IL 60020 door harware, electronic security devices

812 Critical Environments Professionals, Inc (CEPro Inc.) 3350 Salt Creek Ln Ste 116 Arlington Heights, IL 60005 enviro infection control, t&b, clean rooms	813 Hurckman Mechanical Industries Inc 1450 Velp Ave Green Bay, WI 54303 mechanical contractor	814 Communications Engineering Company 405 Boyson Rd Hiawatha, IA 52233 a/v, it, fire and security, healthcare and rf	815 Shared Purchasing Solutions 1100 Olive Way Ste 1030 Seattle, WA 98101 sps is a group purchasing organization
816 Point of Beginning Inc - POB 5709 Windy Dr Ste D Stevens Point, WI 54482 civil engineering & landscape architecture	817 Quality Roofing Inc 1507 Laemle Ave Marshfield, WI 54449 commercial roofing and sheet metal	818 Quality Power Solutions LLC 5718 Manufacturers Dr Madison, WI 53718 emergency back-up power equipment & services	819 Ohio Medical 1111 Lakeside Dr Gurnee, IL 60031 medical gas products
820 US Vet General Contracting LLC 5350 Paulson Rd McFarland, WI 53558 general contracting	821/823/825/827 AirFlow Inc 8355 W Bradley Rd Milwaukee, WI 53223 air flow for or's, hvac, health care	822 Intertek-PSI 821 Corporate Ct Waukesha, WI 53189 engineering/consulting/testing	824 ARC 12657 Alcosta Blvd Ste 200 San Ramon, CA 94583 facility, emergency and compliance software



Prefunction Area



TERMS	DESCRIPTION		
A	Compressed Air		
AAAHC	American Association for Accreditation for Ambulatory Health Care		
AAASF	American Association for Ambulatory Surgery Facilities		
AAASF	Association for the Advancement of Medical Instrumentation - An organization composed of		
AAMI	clinical and biomedical engineers, and related professionals, to promote effective use and		
AAIVII	management of technology related to health care.		
AAR/IP	After Action Report/Imrpovement Plan		
AASS	Approved Automatic Sprinkler System		
A/E	Architect/Engineer		
ABHR	Alcohol Based Hand Rub		
ACF	Ambulatory Care Facility		
ACH	Air Changes per Hour		
ACHA	Accredication Commission for Health Care, Inc.		
ACHE	American College for Healthcare Executives		
ACM	Asbestos Containing Material		
ADA	Americans with Disabilities Act		
ADAG	American's with Disability Act Association Guideline		
ADAAG	Adult Day Care		
ADC	Acoustically Distinguishable Spaces		
AEM	Alternate Equipment Maintenance		
AFH	Adult Family Home (DHS 88)		
AFS	Accreditation with Follow-up Survey		
AF3	American Hospital Association - A membership organization of individuals and health care		
AHA	organizations, providing educational resources, advocacy services, institutional review, and		
АПА	other services.		
AHERA	Asbestos Hazardous Emergency Response Act		
AHESA	Association of Health Facility Survey Agencies		
AHJ	Authority Having Jurisdiction		
AHU	Air Handling Unit		
AIA	American Institute of Architects		
All	Airborne Infection Isolation		
All	American National Standards Institute - A national organization that gives recognition to		
ANSI	consensus based voluntary standards established by a variety of industries.		
Ante Partum	Patient care unit for mothers before delivery		
AO	Accrediting Organization		
AOA	American Osteopathic Association		
AOA/HFAP	American Osteopathic Association/Healthcare Facilities Accreditation Program		
AODA	Alcohol and Drug Abuse		
AORN	Association of Operation Room Nurses		
APIC	Association for Professionals in Infection Control and Epidemiology		
ARCAH	Accreditation Requirements for Critical Access Hospitals		
ASC	Ambulatory Surgery Center		
	American Society for Healthcare Engineering - A personal membership group of the AHA		
ASHE	representing more than 11,000 professionals working together to optimize the health care		
ASILE	physical environment.		
	American Society for Healthcare Environmental Services - A personal membership group of		
ASHES	the AHA that represents professionals in the environmental services industry related to		
ASILS	healthcare.		
	American Society of Heating, Refrigerating, and Air Conditioning Engineers - A standards setting		
ASHRAE	body relating to issues revolving around indoor air quality and environmental control.		
ASME	American Society of Mechanical Engineers		
ASPE	American Society of Plumbing Engineers		
ASPR	Assistant Secretary for Preparedness and Response		
	The state of the s		

TERMS	DESCRIPTION
ASSE	American Society of Safety Engineers
ASTM	American Society for Testing and Materials
AWS	American Welding Society
BAS	Building Automation System
BBI	completed and submitted during JC survey process.
BBP	Blood Borne Pathogens.
BIM	Building Information Modeling
BLS	Bureau of Labor Statistics
-	Building Officials and Code Administrators - An organization of building code officials that
BOCA	publishes the National Building Code, used mainly in the Midwest and northeastern United States.
BOD	Basis of Design
BQA	Bureau of Quality Assurance (currently DQA)
BTCDP	Bioterrorism Training and Curriculum Development Program
CAA	Clean Air Act
CAD	Computer Aided Design
CAH	Critical Access Hospital
CAIT	Comprehensive Accreditation Manual - The accreditation manuals published by The Joint Commission for a
CAM	variety of types of healthcare organizations.
CAMCAH	Comprehensive Accreditation Manual for Critical Access Hospitals
CAMH	Comprehensive Accreditation Manual for Hospitals
CAP	Common Allerting Protocol
CASPER	Certification and the Survey Provider Enhanced Reporting
CAT	Computerized Axial Tomography
CAT1	Code Required Annual Testing of Elevators
CAT5	Code Required Every Five Year Test for Elevators
Cath Lab	Cardiac Catherization Lab
СВ	Critical Branch - Emergency Electrical System
CBRF	Community Based Residential Facility (Assisted Living)
CBRNE	Chemical, Biological, Radiological, Nuclear, Explosive
CCU	Cardiac Care Unit
CDC	Center for Disease Control and Prevention
CDU	Critical Decision Unit
CE	Clinical Engineering
CEO	Chief Executive Officer
CER	Capital Equipment Request
CfCs	Conditions for Coverage and Conditions for Certification
CFM	Cubic Feet Per Minute
CFO	Chief Financial Officer
CFR	Code of Federal Regulations (Federal Register)
CGA M-1	Compress Gas Association M-1
СНАР	Community Health Accreditation Program
СНС	Certified Healthcare Constructor
CHFM	Certified Healthcare Facilities Manager
CIHQ	Center for Improvement in Healthcare Quality
CHSP	Certified Healthcare Safety Professional
CI	Circuit Integrity
CIO	Chief Information Officer
CLD	Condition Level Deficiency
CLIA	Clinical Laboratory Improvement Amendment
CMAR	Construction Manager at Risk
СМНС	Community Mental Health Center
CMMS	Computerized Maintenance Management System
CMS	Center for Medicare & Medicaid Services (formerly HCFA)

TERMS	DESCRIPTION
CMS RO	Center for Medicate & Medicaid Services Regional Office
CNA	Certified Nursing Assistant
CNE	Chief Nurse Executive
CNS	Clinical Nurse Specialist
CO	Carbon Monoxide
C02	Carbon Dioxide
со	Central Office
COI	Collection of Information
COMM	Commerce
CON	Certificate of Need
	The immediate threat to Health or Safety has been successfully abated and verified through the direct
CONT01	observation or other determining method.
coo	Chief Operating Officer
СОР	Conditions of Participation
CORF	Comprehensive Outpatient Rehabilitation Facilities
CPD	Central Processing/Delivery
СРНР	Centers for Public Health Preparedness
CPSC	Consumer Product Safety Commission
CPSO	Certified Patient Safety Officer
CPTED	Crime Prevention Through Environmental Design (Security Program)
CRI	Cities Readiness Initiative
CS	Central Sterilizing
CSI	Construction Specifications Institute
CSP	Certified Safety Professional
CxA	Commissioning Authority
DACS	Digital Alarm Communicator System
DACTS	Digital Alarm Communicator System Digital Alarm Communicator Transmitter
DDC	Direct Digital Control
DHS	Department of Homeland Security
DHS	Wisconsin Department of Health Services (formerly DHFS)
DHFS	Department of Health and Family Services
DHHS	U. S. Department of Health and Human Services
DNR	Department of Natural Resources
DNV	Det Norske Veritas - accreditation company
DNV GL	Det Norske Vertas GL - Healthcare
DOA	Department of Administration
DOE	Department of Administration Department of Energy
DOJ	Department of Justice (Head Agency for Development and Monitoring of Accessibility Standards)
DOL	Department of Labor
DON	Director of Nursing
DOT	Department of Transportation
DPU	Distinct Part Units
DQA	Division of Quality Assurance
DSA	Donation Service Area
DSHS	Department of Safety and Health Administration
DSPS	Department of Safety and Professional Services (Newly created from three former regulatory agencies in Wis.)
EB	Equipment Branch - Emergency electrical system
EC	Environment of Care
ECS	Emergency Communications Systems
ECU	Environmental Containment Unit
ED	Emergency Department
EEOC	Equal Employment Opportunity Commission
EES	Essential Electrical System
EES	Lisseriuai Lieculicai Systerii

TERMS	DESCRIPTION
EIS	Environmental Impact Statement
EJ	Engineering Judgment
EMP	Emergency Management Plan
EMTALA	Emergency Medical Treatment and Active Labor Act
EOC	Environment of Care
EOP	Emergency Operations Plan
EOSC	Emergency O2 Supply Connection
EPs	Elements of Performance
EPA	Environmental Protection Agency
EPSS	Emergency Power Supply System - An alternate source of electrical power, usually a generator
ER	Emergency Room
ERA	Emergency Response Agency
ESAR-VHP	Emergency System for Advance Registration of Volunteer Health Professionals
ESC	Evidence of Standards Compliance
ESF	Emergency Support Function
eSOC	Electronic Statement of Conditions
ESRD	End stage renal disease
ETO	Ethylene Oxide - A chemical used in sterilization of medical equipment, a known carcinogen.
EUACS	Emergency Voice / Alarm Communications Systems
EVS	Environmental Services
FAA	Federal Aviation Administration
FACP	Fire Alarm Control Panel
FACU	Fire Alarm Control Unit
FAS	Fire Alarm System
FASHE	Fellow, American Society for Healthcare Engineering - The highest level of membership in ASHE.
FCC	Federal Communication Commission - A government agency regulating broadcasting and use of the air waves.
FDA	Food and Drug Administration - An agency of the federal government responsible for ensuring the safety of drugs, medical products, and medical devices.
FDD	Facilities for the Developmentally Disabled (DHS 134)
FEMA	Federal Emergency Management Agency
FGI	Facility Guidelines Institute
FM	Facilities Management
FM	Factory Mutual
FMRA	Facility Modifications Risk Assessment
FNS	Food and Nutrition Services
FORHP	Federal Office of Rural Health Policy
FQHC	Federally Qualified Health Center
FRF	Fire Rated Floor
FRI	Federal Reserve Inventories
FRR	Fire Resistance Rating - The length of time a structure or material will resist burning.
FRRA	Fire Resistance Rated Assembly
FRRS	Fire Resistance Rated Separation
FRW	Fire Rated Wall
FSA	Focused Standards Assessment (Joint Commission Risk Assessment Process between surveys)
FSES	Fire Safety Evaluation System (NFPA 101A)
FTE	Full Time Equivalent
GAO	Government Accountability Office
GFCI	Ground Fault Circuit Interrupter
GHS	Globally Harmonized System
GMP	Guaranteed Maximum Price
HAI	Healthcare-Associated Infection
HAI	Hospital Acquired Infection

TERMS	DESCRIPTION
HAP	Hospital Accreditation Program
HCAHPS	Hospital Consumer Assessment of Healthcare Providers and Systems
HCC	Healthcare Coalition
НСС	Healthcare Construction Certification
HCC	Hospital Command Center
	Health Care Financing Administration - A federal government agency that administers
HCFA	Medicare and Medicaid programs. Now CMS.
HDTV	High Definition Television - Digital television.
HEPA	High Efficiency Particulate Air - Type of filter. 99.97%
HFAP	Health Facilities Accreditation Program
ННА	Home Health Agencies
71717	Health and Human Services - A cabinet-level department of the federal government that
HHS	oversees health-related agencies, including the Public Health Service and HCFA.
	Hospital Incident Command System - A consistent response system used by healthcare and the community for
HICS	any event.
німт	Hospital Incident Management Team
HIPAA	Healthcare Insurance Portability and Accountability Act
HITF	Healthcare Interpretation Task Force
HIV	Human Immunodeficiency Virus
HLAL	Healthcare Laundry Accreditation Council
HPP	Hospital Preparedness Program
HPSA	High Powered Speaker Arrays
HRSA	Health Resources and Services Administration
HSC	Homeland Security Council
HSEEP	Homeland Security Council Homeland Security Exercise and Evaluation Program
HSPD	Homeland Security Presidential Directive
HVA	Hazard Vulnerability Analysis
HVAC	Heating, ventilation, and air conditioning
IAQ	Indoor air quality.
IAQ	International Building Code - A non-consensus-based building code developed by all three
IBC	model code organizations.
IC/IP	Infection Control/Infection Prevention
ICC	International Code Council
icc	Information Collection and Evaluation System - The system, established by an organization, of
ICES	information flow into and out of the Safety of Environment of Care Committee.
ICF/ID	Intermediate Care Facilities for Individuals with Intellectual Disabilities
ICF-IID	Intermediate Care Facilities for Individuals with Intellectual Disabilities
ICP/IP	Infection Control Professional/Infection Preventionist
ICM	Inter Cycle Monitoring
ICR	Information Collection Requirements
ICRA	Infection Control Risk Assessment
ICRMR	Infection Control Risk Mitigation Recommendations
ICS	Incident Command System
ICU	Intensive Care Unit
IDG	Interdisciplinary Group
IDR	Informal Dispute Resolution
IEBC	International Existing Buildings Code
IECC	International Energy Conservation Code
IFC	International Fire Code
11 C	International Fire Code International Fire Marshals Association - Formerly FMANA. An organization composed of the
IFMA	fire marshals of each state.
IFU	Instructions for Use
IJ	Immediate Jeopardy
IJ	ininculate scopurdy

TERMS	DESCRIPTION
ILHR	Industry, Labor and Human Relations
	Interim Life Safety Measures - Measures to be put into place to compensate for deficiencies in
ILSM	compliance with the Life Safety Code or when compliance systems are affected by construction.
IMC	International Mechanical Code
IMCU	Intermediate Care Unit
IOM	Institute of Medicine
IPS	Isolated power system - A system with an isolating transformer or equivalent.
IT	Information Technology
ITL	Immediate Threat To Life
JCPEP	Joint Commission Physical Environmental Portal
JPATS	Joint Patient Assessment and Tracking System
LA	Lab Compressed Air
LD	Labor & Delivery
LD	Leadership
LDR	Labor Deliver Recovery Room
LDRP	Labor Deliver Recovery Postpartum Room
LEP	Limited English Proficiency
LIM	Line Isolation Monitor - A test instrument to indicate possible leakage or fault currents from
LIIVI	either isolated conductor to ground.
LINAC	Linear Accelerator
LPHA	Local Public Health Agencies
LPN	Licensed Practical Nurse
LSB	Life Safety Branch
LSC	Life Safety Code
LTC	Long Term Care - Healthcare organizations with an average length of stay of more than 30 days.
LV	Lab Vacuum
MA	Medical Compressed Air
MBAN	Medical Body Area Networks
	WMTS * - Wireless Medical Telemetry Service (ASHE is frequency coordinator for WMTS bands.)
	PLMRS * - Private Land, Mobile Radio Service
	ISM * - Industrial, Scientific and Medical
	*Wireless Medical Telemetry Spectrum Blocks
NDMS	National Disaster Medical System
Med Gas	Medical Gas (e. g. oxygen, nitrous oxide)
MEP	Mechanical, Electrical, Plumbing
MERV	Minimum Efficiency Reporting Value (measures filter efficiency)
MGPHO	Medical Gas Professional Healthcare Organization
MMRS	Metropolitan Medical Response System
MNS	Mass Notification Systems Magnerandum of Agreement
MOA MOS	Memorandum of Agreement Measure of Success
MOU	Memorandum of Understanding
MRC	Medical Reserve Corps
MRI	Magnetic Resonance Imaging
MRSA	Methicillin Resistant Staph Aureus
MS	Medical Staff
MSDS	Material Safety Data Sheets (Soon to be called Safety Data Sheets per OSHA)
MV	Medical Vacuum
N	Nitrogen
NA	Nursing Assistant
NEC	National Electric Code - The code adopted by most states for electrical construction.
NF	Nursing Facility
INF	Nutraing Lacinty

TERMS	DESCRIPTION
NFPA	codes relating to all areas of fire safety.
NHA	Nursing Home Administrator
NIBS	National Institute of Building Sciences
NICU	Neonatal Intensive Care Unit
NIH	National Institute of Health
NIMS	National Incident Management System
1411413	National Institute for Occupational Safety and Health - A section of the Centers for Disease
NIOSH	Control and Prevention that supports occupational safety and health issues.
NLTN	National Laboratory Training Network
NO	Nitrous Oxide
NOV	Notice of Violation as issued by EPA (Environmental Protection Agency)
NPSG	National Patient Safety Goal
NR	Department of Natural Resources Reference
NRC	Nuclear Regulatory Commission
NRF	National Response Framework
NRP	National Response Team National Response Team
NSS	National Security Staff
OB	Obstetrics
OBRA	Omnibus Budget Reconciliation Act
OEM	Original Equipment Manufacturer
OFIS	Opportunities for Improvement
OFIS	Office of the Inspector General
OPHPR	Office of Public Health Preparedness and Response
OPO OPO	Organ Procurement Organization
OPR	Owner's Project Requirements
OPRI	Office of Plan Review and Inspection
OPT	Outpatient Physical Therapy
OPTN	Organ Procurement and Transplantation Network
OQA	Office of Quality Assurance
OR	Operating Room
OK .	Occupational Safety and Health Administration - A federal agency that develops and enforces
OSHA	standards relating to occupational safety and health.
ОХ	Oxygen
PACE	Program for the All-Inclusive Care for the Elderly
PACU	Post Anesthesia Care Unit (Recovery)
PAHPA	Pandemic and All-Hazards Preparedness Act
PAHPRA	Pandemic and All-Hazards Preparedness Reauthorization Act
PASS	Pull, Aim, Squeeze, Side to Side - Use of Fire Extinguisher
PBX	Private Branch Exchange (phone system)
PCRA	Pre-Construction Risk Assessment
PCT	Patient Care Technician
PDA	Preliminary Denial of Accreditation
PDA01	An immediate threat to Health or Safety exists for patients or the public within the Hospital
PDC	Planning Design and Construction
PEL	Permissible Exposure Limits
	Plan For Improvement - Part IV of The Joint Commission Statement of Conditions document that identifies an
PFI	organization's deficiencies with the Life Safety Code and outlines plans to correct those
	deficiencies.
PFT	Priority Focus Tool
PHEP	Public Health Emergency Preparedness
PHI	Protected Health Information
PHS Act	Public Health Service Act
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TERMS	DESCRIPTION
PI	Performance Improvement
PICRA	Proactive Infection Control Risk Assessment (for construction)
PIN	Policy Information Notice
PM	Preventive Maintenance
POC	Plan of Correction
PPD	Presidential Policy Directive
	Personal Protective Equipment - Equipment worn or used by a worker to reduce or prevent the
PPE	risk of occupational illness or injury.
PRTF	Psychiatric Residential Treatment Facilities
PSRA	Patient Safety Risk Assessment
QAPI	Quality Assessment and Performance Improvement
QI	Quality Improvement or Quality Initiative
QIES	Quality Improvement and Evaluation System
QRS	Quick Response Sprinklers - Automatic sprinkler heads that are designed to go off at lower
	temperatures than other normal response sprinklers.
RA	Risk Assessment
RACE	Remove Anyone in Danger, Activate the Alarms, Contain the Fire, Evacuate or Extinguish
RCAC	Residential Care Apartment Complex (DHS 89)
RCx	Retro Commissioning
Re-Cx	Re-Commissioning
RF	Radio Fluoroscopy
RFA	Regulatory Flexibility Act
RFI	Request for Information
RFOD	Regional Field Operations Director
RFOS	Regional Field Operations Supervisor
RFP	Request for Proposal
RFQ	Request for Quotation
RH	Relative Humidity
RHC	Rural Health Clinic
RMW	Regulated Medical Waste - A waste or reusable material, other than a culture or stock of an
	infectious substance that contains an infectious substance.
RN	Registered Nurse
RNHCIs	Religious Nonmedical Health Care Instittutions
RO	Regional Office
ROC	Report on Comments
ROP	Report on Proposals
RPT	Relocatable Power Tap
RTU	Roof Top Unit
S&C	Standards and Certification
SA	State Agency
SAFER	Survey Analysis for Evaluation Risk
SAMHSA	Substance Abuse and Mental Health Services Administration
	Senior, American Society for Healthcare Engineering - An advanced level of membership in
SASHE	ASHE. SASHE is achieved through professional accomplishment, service to ASHE and
	community involvement.
SB	Safety and Building Division (subunit of DSPS)
SCD	Scheduled Completed Date
SCFM	Standard Cubic Feet per Minute
SCU	Special Care Unit
SLPM	Standard Liters Per Minute
SDS	Safety Data Sheet
SDS	Same Day Surgery

TERMS	DESCRIPTION
SEPSS	Stored Emergency Power Supply System - Stored energy back-up device, often used for
	emergency situations.
SIG	Standards Interpretation Group
SLP	Speech Language Pathology
SMDA	Safe Medical Devices Act - A federal law regulating the reporting of incidents when a medical
	device is related to a death or serious injury.
SMS	Mobile Phone Text Messages
SNF	Skilled Nursing Facility
SNS	Strategic National Stockpile
soc	Statement of Conditions - The Joint Commission document that guides and organization through evaluation of
	its compliance with the Life Safety Code and develops a plan to correct any identified
	deficiencies.
SOD	Statement of Deficiency
SOM	State Operations Manual written by CMS
SOP	Standard Operating Procedure
SPD	Sterile Processing Department
SPFI	Survey-Related Plan for Improvement
SPS	Safety and Professional Services
SRA	Safety Risk Assessment
SSA	Social Security Administration
T-18	Medicare
T-19	Medicaid (Medical Assistance)
TCU	Thoracic Cardio Unit
TEFRA	Tax Equity and Fiscal Responsibility Act
TFAH	Trust for America's Health
TIA	Tentative Interim Amendments
TJC	The Joint Commission
TLW	Time Limited Waiver
TRACIE	Technical Resources, Assistance Center, and Information Exchange
TS	Transfer Switch
TTX	Tabletop Exercise
UA	United Association
UDC	Uniform Dwelling Code
UL	Underwriters Laboratory Inc.
ULC	Underwriters Laboratory - Canada
UMRA	Unfunded Mandates Reform Act
UNOS	United Network for Organ Sharing
UPMC	University of Pittsburgh Medical Center
UPS	Uninterruptible Power Supply - Stored energy back-up device, I.e. a battery.
USDA	US Department of Agriculture U. S. Pharmacopeia 797
USP 797 UV	Ultraviolet
	Ultraviolet Germicidal Irradiation
UVGI VAC	Another Term for Medical Vacuum
VAC	Variable Air Volume
WAGD	Waste Anesthetic Gas Disposal
WAGD	Wisconsin Hospital Association
WHEA	Wisconsin Healthcare Engineering Association
WHO	World Health Organization
WHU	world Ficalti Organization