



**BUREAU
VERITAS**

BV BUILDING & INFRASTRUCTURE, FACILITIES DIVISION

STATEMENT OF QUALIFICATIONS

INDUSTRIAL / COMPLEX PROJECTS

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FIRM INTRODUCTION

Firm Background

Founded in 1828, Bureau Veritas (BV) is a global leader in quality assurance, health, safety, and environmental (QHSE) solutions. Recognized and accredited by the largest national and international organizations, and with **over 75,000 employees**, Bureau Veritas has unparalleled expertise and resources to manage projects requiring a broad range of expertise across vast geographies. With operations in **140 countries and all continents**, Bureau Veritas draws on the synergies between its local teams and dedicated technical centers throughout the world.

We have provided conceptual design review, plan review (e.g., structural, mechanical/plumbing, electrical, fire, access compliance, architectural, civil, etc.) and inspection services for more than 20 countries throughout the world. Our clients include jurisdictions of all sizes, multiple universities and education institutions, and high profile projects.

BV has an extensive background in building services. Our range of experience in this unique arena covers literally every key area of service defining a building department in today's industry. We are skilled at helping existing building departments augment or refine their current level of client service or capable of crafting a department from the ground up.

- Permitting
- Plan Review
- Inspections
- Code Interpretation
- Code Adoption and Ordinance Preparation
- Planning and Zoning Meeting Attendance
- City Council Meeting Attendance
- Building Official Duties
- Permit Tracking and Record Keeping
- Plan Reviewer, Inspector and Permit Tech Training
- Budget and Staffing Planning
- Pre-Design and Pre-Construction Meetings
- Designer and Builder Training
- Contractor Licensing
- Fee Schedule Evaluation and Updates

What Sets Us Apart

We are ideally suited to provide plan review and inspection services because we possess:

Unparalleled Expertise

- Proven track record of providing services to many countries globally
- Municipal management and staff augmentation expertise
- Key staff who have helped to establish and implement the latest codes

Depth of Resources and Proximity to Meet Peak Workloads

- Offices throughout the globe in 140 different countries
- Registered Engineers and ICC certified staff dedicated to code compliance
- No private sector design work = no conflict of interest

Best Practices and State-of-the-Art Processes to Consistently Meet Turnaround Schedules

- Comprehensive and formalized plan check procedures
- Award-winning, web-based project tracking and controls
- Electronic plan check to save time, money, and paper = a **GREEN** solution
- 99% success rate meeting review turnaround schedules

Putting the Right People to Work for You

We have extensive resources and a large pool of **licensed and certified experts** who are equipped to handle all of your needs. Our professionals have extensive experience in educational, residential, commercial, industrial, and other related projects of all sizes and complexities, allowing them to tailor solutions specifically to your needs.

FIRM INTRODUCTION

Competence Through Certification – International Code Council

Building safety depends on more than codes and standards. Building safety results from providing trained professionals with the resources and ongoing support necessary to stay current with the latest advancements in the building safety field. ICC certification ensures competent building and fire safety individuals are involved in the critical building approval process. It also helps to continue attracting an increasing level of competence and professionalism into the building code community. The ICC certification represents the Bureau Veritas team's commitment to providing professional and competent plan review and inspection staff to our municipal clients. The following is a list of ICC certifications held by our staff members and maintained in active status through continuing education units.

- Accessibility Inspector/Plans Examiner
- Building Inspector
- Building Plans Examiner
- Certified Building Code Official
- Certified Building Official
- Certified Electrical Code Official
- Certified Fire Code Official
- Certified Fire Marshal
- Certified Housing Code Official
- Certified Mechanical Code Official
- Certified Plumbing Code Official
- Coastal & Floodplain Construction Inspector
- Combination Inspector
- Combination Inspector - Legacy
- Combination Plans Examiner
- Commercial Building Inspector
- Commercial Combination Inspector
- Commercial Electrical Inspector
- Commercial Energy Inspector
- Commercial Energy Plans Examiner
- Commercial Mechanical Inspector
- Commercial Plumbing Inspector
- Disaster Response Inspector
- Electrical Inspector
- Electrical Plans Examiner
- Energy Code Specialist
- Fire Inspector I
- Fire Inspector II
- Fire Plans Examiner
- Green Building Residential Examiner
- ICC/AACE Property Maintenance & Housing Inspector
- ICC/AACE Zoning Inspector
- Master Code Professional
- Mechanical Inspector
- Mechanical Inspector UMC
- Mechanical Plans Examiner
- Plumbing Inspector
- Plumbing Inspector UPC
- Plumbing Plans Examiner
- Residential Building Inspector
- Residential Combination Inspector
- Residential Electrical Inspector
- Residential Energy Inspector/Plans Examiner
- Residential Fire Sprinkler Inspector / Plans Examiner
- Residential Mechanical Inspector
- Residential Plans Examiner
- Residential Plumbing Inspector
- Spray-applied Fireproofing Special Inspector

Coupled with our extensive ICC Certifications, our group also holds the following licenses and certifications:

- Professional Engineer
- Registered Architect
- Master Plumber
- Master Electrician
- Certified Floodplain Manager
- Electrical Engineer
- Mechanical Engineer
- Structural Engineer
- LEED AP
- Fire Protection Engineer
- Environmental Engineer
- Professional Geologist
- Asbestos and Mold Analysts
- Elevator Inspector
- Master Plumber
- Journeyman Plumber
- Master Electrician
- Journeyman Electrician
- Registered Sanitarian
- Registered Accessibility Specialist
- Code Enforcement Officer

FIRM INTRODUCTION

A Technical Expertise Recognized By Multiple Accreditation Bodies

Bureau Veritas has acquired skills and know-how in a large number of technical areas in addition to a broad knowledge of regulations. Bureau Veritas is currently authorized or accredited by a large number of national and international delegating authorities and accreditation bodies. The Group constantly seeks to maintain, renew and extend its portfolio of accreditations and authorizations. It is subject to regular controls and audits by authorities and accreditation bodies to ensure that its procedures, the qualification of its personnel and its management systems comply with the applicable standards, norms, references or regulations.

IAS AC251 Accreditation

In October 2010, Bureau Veritas proudly became the first, and still only, company to achieve accreditation under the International Accreditation Service (IAS) Third-Party Permitting, Plan Review and Inspection Service Providers Accreditation Program (AC 251). AC251 outlines requirements for the accreditation of third-party nongovernmental providers of building department services and thus recognizes the important role that private firms play in ensuring public safety. The goal of this program is to provide accreditation to independent providers of building department services based on quality management principles and best practices, to ensure that the outstanding safety record of buildings in the U.S., as compared to buildings elsewhere in the world, is maintained. Building departments can use the IAS program to verify that the companies they hire are qualified to provide building safety services for the jurisdiction. For Bureau Veritas, accreditation is a way to provide independent verification of its established quality procedures and best practices that have been an integral part of the company since its founding in 1828.

For Bureau Veritas to achieve IAS accreditation, evaluators assessed Bureau Veritas across several distinct categories including code administration, construction codes, plan review processes, professional credentials and licensing, and inspection procedures. In addition, IAS also assessed critical elements of the services provided to jurisdictions such as contract details, operational procedures and plans, and fiscal year budgets.



The International Accreditation Service is a nonprofit, internationally recognized accreditation body and a subsidiary of the International Code Council (ICC). IAS accredits building departments, third-party building department service providers, special inspection agencies, product certification agencies, inspection programs for metal building manufacturers, fabricator inspection programs, testing and calibration laboratories, inspection agencies, training agencies, curriculum developers, and field evaluation bodies.

Management Systems Certified:

ISO 9001:2015 • ISO 14001:2004 • OHSAS 18001:2007



As a world leader in Testing, Inspection & Certification, Bureau Veritas provides its clients with solutions to meet their quality, health, safety, environmental protection, and social responsibility (QHSE-SR) objectives. A unique feature of Bureau Veritas is that the company as a whole, is subject to the high standards of the ISO Management Systems. These system are applied to our entire operation, and periodic audits certify the company continues to be in full compliance. This assures our clients that wherever our services are provided, they will be accurately prepared and the deliverables will be received in a timely manner.

Bureau Veritas prides itself on its commitment to these principals, and has obtained global certification to each of the following International Management Systems Standards:

- ISO 9001:2015 – Quality
- ISO 14001:2004 – Environmental
- OHSAS 18001:2007 – Health & Safety
its accreditation certificates around the world

SERVICE CAPABILITIES & QUALIFICATIONS

Our Capabilities

Bureau Veritas specializes in a full range of municipal building and safety services, tailored to the particular needs of client jurisdictions. Our team of professional personnel and our technical resources allow us to provide complete building department administration for Clients large and small. We partner with existing staff in a way that best complements their effort and talents. In some instances providing a plan review engineer “behind the counter” for two days a week is enough, while with other Clients, the need may be a complete building department staff on-site for several years. Our most important asset is the depth of experience of our staff. Our experienced project team has worked directly with Clients in a variety of capacities for over a decade.

Plan Review

BV personnel have performed and managed plan review for thousands of projects across the United States and around the world. BV is able to work cooperatively with the Department staff to conduct technical reviews for all disciplines, including fire life safety and access. Our team will also be able to recommend approval of projects after substantial compliance with the applicable codes has been reached. BV can conduct access compliance review for any project that may arise including new construction and renovations.

With such a large and licensed plan review staff, we are able to manage numerous, and complex projects simultaneously. We are able to provide discipline-specific plan reviews should the client desire.

Our plan review services encompass:

- Review for fire resistant building elements
- Architectural, fire and life safety plans examination
- Structural plans examination
- Energy code plans examination
- Barrier free plans examination requirements/accessibility
- Mechanical, plumbing and electrical code plans examination
- Review and approval of alternative materials, alternative design and methods of construction
- Fire sprinkler and fire alarm system plan reviews (as requested)

Plan Review Turnaround Times

At your request, BV can provide plan review activities on a fast-track basis. Turnaround times for each submittal will relate to the size and nature of the submittal and its impact on the project construction schedule. To reduce turn around times for plan review, we can use electronic submittals, phased submittals, conference calling, videoconferencing, and visits by plan review staff to design offices of the engineer or architect.

BV has built long-term partnerships with many Clients. We understand that accuracy, efficiency, and integrity in all aspects of professional services are required. Testimony to our professional excellence is the fact that we have a large number of repeat Clients and Client referrals. Because of our large pool of accessible resources we are able to assemble experienced personnel in order to ensure project schedule recovery when necessary. BV will maintain efficient turnaround time on all reviews as a key measurement of our performance for our plan review services.

BV will also accommodate preliminary reviews to facilitate fast tracked or accelerated projects. This will aid with timely turnaround and create good public relations. If applicants include designs that do not conform to the prescriptive requirements of the codes, your jurisdiction's designee will have final approval over the plan being reviewed. Our staff will make recommendations for the resolution if requested. We are also available to meet with staff and stakeholders as needed to discuss our findings.

Electronic Plan Reviewing

BV provides an alternative solution to traditional plan checking. By utilizing Adobe Acrobat, Blue Beam, or other similar software, our plan reviewers can quickly and accurately review plans for compliance with applicable codes. Plans are submitted as PDF files via a secure and confidential FTP site. These plans are then reviewed by our staff who are able to place comments and redlines directly on the plans, corresponding to areas needing revisions.

Redlined plans with comments are then forwarded to, or placed on the secure FTP site for the designers, engineers, and architects. The client also has access to the FTP site. Plans can then be revised and resubmitted via the same method described. If all items were resolved, hard copy plans are sent to BVNA for approval stamps and signatures.

SERVICE CAPABILITIES & QUALIFICATIONS



Electronic plan submittal and commenting allows for economical movement of plans and quick turnaround, eliminating shipping time and costs. Using free Adobe Acrobat software, electronic plans with comments can be viewed and discussed as needed to resolve issues quickly and efficiently.

We have successfully used a digital solution to plan reviewing for over 60 Clients throughout the United States and globally. Digital plan checking will be a practical solution to help you avoid the need for expanding storage space, foster communication and collaboration, and reduce staff involvement for copying, shipping, and receiving plans. For one major capital plan check project we completed for the California Energy Commission we estimated shipping and printing cost savings of over \$150,000 as well as a reduction of over 750 hours in plan review and permitting processing staff time.

Transmittal of Plans and Correction Lists

Once plans have been electronically or physically delivered, upon completion of each plan review, we will forward a copy of the correction list to both the Client and the applicant by

mail. When corrected plans are resubmitted, we will either follow the previous procedure, or the applicant may schedule a meeting to go over any corrections. BV will forward completed plans once they are stamped and signed by BV staff. Our transmittal forms are customized for use unique to the specific Client

Building Inspection

At Bureau Veritas, we are client-focused and customize the work according to your specific needs. We can provide inspection services for a single project that presents unique complexities due to its construction or size, or we can provide enough staff to handle all inspection services for a Client. Our building inspection services can be adjusted to provide a high level of coordination specifically suited to the design-build concept. Our inspectors are ICC certified and have extensive experience in the construction trades. Fast-tracked projects may be built into small phases based on incremental design and fabrication steps. In such cases, our inspection team keeps daily logs to track corrections and plan review changes.

SERVICE CAPABILITIES & QUALIFICATIONS

BV's inspection teams also provide on-call building inspection services to cover staff vacation time, peak workloads, specialized inspection activities, and any other situations that may arise. These activities may include next-day inspections and same-day response to important or urgent requests.

Bureau Veritas will provide the client with ICC certified personnel to provide the following services:

1. Read and study project specifications, plans, and drawings to become familiar with project prior to inspection, ensuring that structural or architectural changes have been stamped as approved by appropriate authority and recognizing the need for/ requiring of plan checks for electrical, plumbing, and mechanical code requirements.
2. Perform and document inspections on construction projects to determine that all aspects of the project, such as foundations, building, electrical, plumbing, and mechanical systems, conform to the applicable building codes, zoning ordinances, energy conservation, and accessibility requirements, including known local, city, state, federal and international requirements.
3. Review plans for building construction, plumbing, electrical, and mechanical details prior to making inspection.
4. Bring to the attention of the jurisdiction for approval of certain changes in building, plumbing, mechanical, electrical, and related work consistent with code and ordinance requirements.
5. Participate in reviews with fire, health, and other government agency inspectors, as well as owners.
6. Maintain a record of non-complying items and follow up to resolution of such items.
7. Inspect existing buildings for substandard, unsafe conditions, upon request.

Material / Shop Inspections

Material / Shop Inspection involves inspecting items at their place of manufacture before delivery. This is the most convenient and cost-effective way to determine whether a product, service, process, piece of equipment or installation complies with expressed needs, customer expectations, applicable regulations or other specific requirements. Material / Shop inspection

can include design review, review of material certificates, visual inspection, Non Destructive Testing (NDT), attendance, supervision or performance of mechanical or functional tests.

Private Provider and Third Party Inspections

In addition to our traditional building department consulting team, we are able to conduct private provider, or third party, inspection services. For all projects, BV inspectors will be licensed and certified by the appropriate agencies for the authority having jurisdiction (AHJ) over the project.

Virtual Inspections

Due to COVID-19, we are offering to conduct virtual field inspections in an effort to continue progress at as many active jobsites as possible for both new and existing Clients. Using interactive technology, our building inspector will participate in a live session with the Client to perform the inspection(s) remotely through the use of a mobile device. Our goal is to allow construction to progress while maintaining a safe environment for all involved through social separation.

Quality Assurance / Quality Control Services

Bureau Veritas offers Clients a partner with the experience and solutions to address QA/QC needs throughout the world. As a leading provider of quality assurance and compliance services, our experienced team can help mitigate risks to your project. Our services benefit and inform important decisions in the preliminary planning and design stages as well the construction and operating phases of a project. The key to our successful delivery of QA/QC services is a client focused approach and the knowledge that prevention is much more time and cost effective than correction.

Key benefits of our services include testing and evaluations for quality, safety and regulatory compliance to worldwide standards; factory inspections to pre-qualify suppliers or improve efficiency; security audits to verify regulatory compliance and speed customs processing; design evaluation, engineering services and inspection services to improve performance; and training and educational services to enhance staff capabilities. Bureau Veritas is able to provide QA/

SERVICE CAPABILITIES & QUALIFICATIONS

QC services that will prevent problems and the reoccurrence of issues in order to improve quality and maximize efficiency. Our experts will verify that the project is built to plan, that the tolerances allowable by industry standards and engineering practices have been met or exceeded, and that the finished project meets stakeholder specifications.

Permit Technician Services

BV staff will work with the Client to seamlessly staff the public counter, issue counter permits, answer plan review or inspection questions, and assist the public with a high level of customer service. Our staff will be trained and proficient in the policies, procedures, and administrative and technical regulations of the jurisdiction. All staff members are familiar with various software systems and are able to answer questions pertaining to inspections, plan approvals, business license approvals, and certificates of occupancy.

Permit technician services may include:

- Interfacing with the public, internal staff, and related departments
- Review of permit applications for completeness
- Acceptance and routing of plans
- Calculation and/or fee collection
- Issuance of permits
- Review and issuance of counter permits, when authorized
- Maintenance of permit records
- Use of jurisdiction permitting programs and/or software, where applicable

Building Administration and Special Project Management

Our experienced BV building official staff will work with the Client's management team to administer the building and safety or community development divisions. Our staff is familiar with the day-to-day building department operations, financial budget management, and political environment of a jurisdiction department. Our experienced building officials will participate in the project's design review sessions and pre-plan check code compliance meetings with permit applicants, as well as attend other required meetings for different types of large, special developments and other projects on behalf of the Client.

Fire Plan Review

Our staff will consult closely with the Fire Chief/Fire Marshal or this person's designated representative on any areas which require code interpretation or where alternate methods are being proposed and considered. Our proposed fire plan review engineers have specific experience working within multiple types of facilities to ensure compliance with applicable codes, standards, and amendments, including, international standards. Our experience includes written comments and verbal communication with applicants to better understand requirements and provide direction for compliance, as well as close communication with fire departments to clarify policies, code interpretations, plan review status, and procedures.

Bureau Veritas staff have reviewed hundreds of projects for fire safety components, including NFPA 13, NFPA 72, and NFPA 101, among others. Example projects in which our reviewers have worked include The Village at Bella Terra in Huntington Beach, Lifetime Fitness in Roseville, and Sysco Food Services Expansion in Sutter County. All personnel assigned to your project will have the necessary materials, resources, and training available to conduct plan reviews, including copies of applicable local amendments, policies, procedures, and forms.

Fire Inspections

BV can place an experienced fire inspector for a single project or to augment existing staff to cover staff vacations and other leaves of absence. We can even provide all fire inspection on a daily basis. Systems and components we inspect include (but are not limited to):

- Fire sprinklers, including systems beginning at property line, as directed
- Fire pumps
- Fire alarm systems
- Automatic suppression systems, including Halon, FM200, and CO2
- Hoods
- Duct extinguishing systems
- Exits
- Emergency lighting
- Voice evacuation systems
- Fire permit inspections

INDUSTRIAL / COMPLEX PROJECT EXPERIENCE



Florida South Western State College

Fort Myers, FL

Building Plan Review Services

BV provided plan review for this new SCUSR athletic facility which houses the college's newly created athletic program. This new state-of-the-art, 3,258-seat arena, spans 75,470 square feet and provides expansive capacity to serve a variety of events with a hospitality suite, six luxury suites, and second-floor exterior event space overlooking the adjacent pond. In addition to the main court, three practice courts are available for athlete and student use. A fitness room, locker rooms, showers serve the entire campus and two concession stands service events at the new facility. This facility is currently under construction.

Los Angeles Rams Stadium

Los Angeles, CA

Fire Code Review Services

BV was selected to provide full fire and safety plan review services. The new football stadium for the Los Angeles Rams is estimated to cost \$2.66 Billion USD. The stadium features a triangular roof supported by thick columns made of ethylene tetrafluorethylene (ETFE). ETFE is a fluorine based plastic with a high corrosion resistance and strength over a wide temperature range. The roof will span across an adjacent outdoor lobby called champions plaza which will be used for gatherings for game day spectators. The stadium will hold 80,000 fans for football games and up to 100,000 for concerts that utilize the playing field for floor seating. Construction started in November 2016 and expected to finish in time for the 2019- 2020 NFL season.

Petco Park

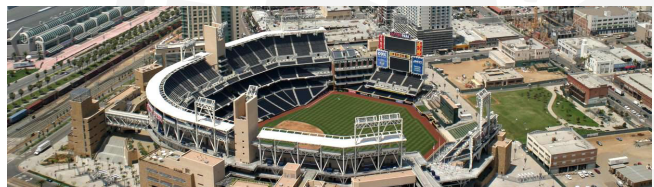
San Diego, CA

Civil Design

Petco Park is an open-air ballpark which houses the Major League Baseball team San Diego Padres. The stadium was intended to be part of a comprehensive plan to revitalize San Diego's aging downtown. BVNA was selected to provide civil engineering and design of 50+ task orders which included roads, drainage, water, sewer, parking lots, transit, and ADA compliance.

BV also conducted materials testing of the concourse and provided design services for the downtown redevelopment initiative. The award-winning infrastructure project had more than 50 separate design and engineering tasks involving relocation and reconstruction of water and sewer systems, new streets, underground utilities relocation, drainage improvements to correct flooding conditions and provide for a storm drain collection system where none existed before, historic structure preservation, surface parking lots, landscape and streetscape enhancements, permitting, ADA compliance, building demolition, and railroad modifications. Several historic buildings were preserved, adaptively re-used, and integrated into the Ballpark District. Our well-received mitigation program for disposition of each structure garnered approval within three months. 17 alternative alignments were prepared and five stakeholder workshops were conducted to reach consensus on the design of Park Boulevard, a new tree-lined, pedestrian-friendly "Park to Bay" link that connects San Diego Bay with Balboa Park.

A high priority was placed on ensuring adequate parking was developed to support the ballpark and downtown San Diego's well-established, nearby entertainment district. To provide additional parking near Petco Park, BV designed a \$6.1 million, 7-acre surface parking area dubbed "Tailgate Park" adjacent to the new ballpark and was designed to permit use by busses and larger tractor-trailer rigs on non-game days.



INDUSTRIAL / COMPLEX PROJECT EXPERIENCE

Texas Rangers Stadium

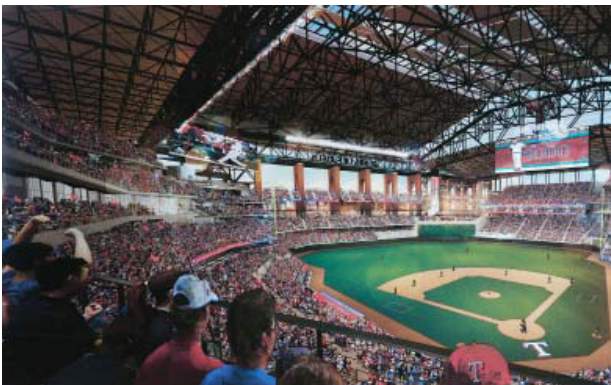
Arlington, TX

Building, Fire, Civil, and Health Plan Review and Inspections Services

The Texas Rangers Major League Baseball team, in concert with the City of Arlington, Texas, endeavored to build a new stadium to accommodate a growing fan base, feature state-of-the-art technology, and provide climate controlled comfort for fans. The new ballpark, designed by HKS Architect, features a retractable roof and a price tag of nearly \$1 Billion USD. The new ballpark is projected to accommodate over 40,000 fans and be complete in time for Opening Day 2020.

The Texas Rangers and City of Arlington needed a code compliance team to serve as a one-stop-shop for building, fire, civil, and health code compliance. The high profile nature and complexity of the project requires cooperation, timely reviews, on-site representation, and close communication between the design team, construction team, owner, City and code compliance consultant. Imperative to the Rangers organization and the City of Arlington is maintaining the project's schedule and budget.

BV was selected, through a competitive bid process, to provide comprehensive building, fire, civil, and health plan review and inspection services. Our team is comprised of local plan reviewers and inspectors who have experience working on complex, high profile projects through North Texas.



AT&T Stadium

Arlington, TX

Plan Review and Building Inspection Services

The stadium was completed two months earlier than expected in June 2009. The \$1.12 Billion, 3 million square-foot stadium has a fixed seating capacity of 80,000 and the flexibility to accommodate up to 100,000 fans. Features includes signature monumental arches, a uniquely canted glass wall, 360 suites, 286 concession areas, 1,600 toilets and many more features.

Hired by the City of Arlington, BV inspected the demolition of 125 structures, reviewed construction plans and specifications, and providing full-time inspections during construction. These reviews included observation of the roofing system and building envelope. Plan review and inspection included building, energy, mechanical, electrical and plumbing disciplines, fire alarms, suppression and smoke removal systems, and the monitoring of special inspections and testing as defined in Chapter 17 of the International Building Code.

The contractor for the project was Blue Star Development, under Jack Hill's management. The Structural Engineering firm was Walter P. Moore Engineers and Consultants. The project demonstrates the depth and range of BV's ability to work with the largest scale project, ensuring safe and functional spaces that are family-friendly.

INDUSTRIAL / COMPLEX PROJECT EXPERIENCE



Texoma Medical Center

Denison, TX

Plan Review and Inspection Services

Texoma Medical Center is a full service replacement facility in Denison, Texas. The new \$110 Million, 8-story facility includes 170 private patient rooms, a 12-room operating suite, 32-bed intensive care unit, and a 26-bed emergency room. The facility features birthing rooms, infection isolation rooms, a fitness center, a certified trauma center, a sleep center, an urgent care center, behavioral health center, women's health center, and an Imaging center including CT Scans, Diagnostic radioisotope, Magnetic resonance imaging, and ultrasound. The project includes an additional \$7.2 Million, 3-story detached Medical Office Building.

Acting on behalf of the City of Denison, BV was responsible for reviewing the detailed construction plans and specifications to ensure compliance with the state and local building codes, and providing full-time inspections during the construction of the project, which included the observation of the installation of the roofing system and building envelope. The plan review and inspections included the building, energy, mechanical, electrical and plumbing disciplines, fire alarms, suppression and smoke removal systems, and the monitoring of special inspections and testing as defined in Chapter 17 of the International Building Code.

Choctaw Casino and Resort

Durant, OK

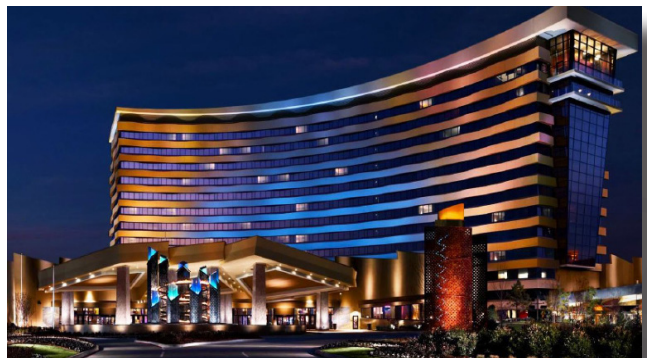
Plan Review and Inspection Services

Bureau Veritas was chosen to provide plan review and inspection services for the extensive expansion of the Choctaw Casino and Resort in Durant, Oklahoma. In April

of 2019, the Choctaw Nation of Oklahoma broke ground on the construction project. The number of rooms in the luxury hotel increased by 1,000 making it a total of more than 1,600, the largest hotel room count in the state. In addition to the increased room capacity, the plans featured an expanded gaming floor and fresh amenities such as new pools and lazy rivers, parking garage, retail space, entertainment options, and dining venues. The expansion opened in Spring of 2021 and generated 1,000 more jobs for the City of Durant.

BV delivered review and inspections of: Building and Safety; Civil; Fire; Health Department/Food Establishment; A Parking Structure; Elevators (final acceptance and site visits for 21 vertical units); and Mechanical/Plumbing, Electrical Peer Review. The specifications of this project are as follows: 707,275 square feet, 1,000 room hotel tower, including all related public space and back-of-house space; 3 acres pool complex adjoining the new hotel tower; 10,000 square feet porte cochere; 139,150 square feet casino expansion; 102,650 square feet integrated admin, facilities and services; 56,350 square feet of multiple integrated food and beverage and retail spaces; All related site improvements; and 700,000 square feet, 2,100-space parking structure.

The total construction value of this project was over \$500,000,000.



Space X Raptor Engine Facility

McGregor, TX

Plan Review and Inspection Services

In collaboration with the City of McGregor, TX, Bureau Veritas is providing plan review and inspection services for the new SpaceX Raptor Engine Facility. BV and the representatives of BV are charged with the enforcement of the provisions of the Jurisdiction's Building Code, Mechanical Code, Electrical Code, Plumbing Code, Fuel Gas Code, and Energy Code.

INDUSTRIAL / COMPLEX PROJECT EXPERIENCE

Non-Structural Plan Review services are conducted as required by the Building Code, Residential Code, Mechanical Code, Electrical Code, Plumbing Code, Fuel Gas Code and Energy Code, and other provided code related documents, as approved by the Jurisdiction. Inspection services are conducted as required by the City's Building Code, Mechanical Code, Electrical Code, Plumbing Code, Fuel Gas Code, and Energy Code. Any violations of the Jurisdiction's codes or concealment of any work prior to approval by BV are reported to the Building Official of the Jurisdiction.

This facility sits on 4,300 acres of land and the development agreement is valued at \$150 million. SpaceX anticipates this will be the highest output and most advanced engine factory in the world with the capacity to manufacture between 800-1,000 engines per year.

In addition to the Raptor Engine Facility the firm has also collaborated with SpaceX to provide services for a Vehicle Hanger as well as a Weld Barn.

Amazon Distribution Center

Waco, TX

Plan Review and Inspection Services

Bureau Veritas conducted plan review and daily on-site inspections for completion of an Amazon distribution center in the City of Waco. The firm's scope included providing daily on-site inspectors to oversee required inspections and manage the project up to final certificate of occupancy. Acting as a liaison between the contractor and City staff, BV provided daily inspection reports and summaries of work performed to meet required deadlines.

This robotics center encompasses 700,000 square feet and construction is valued at \$200 million. Once complete, this facility will create 1,000 new jobs, making it the fifth largest employer in the City.

BV has also had the opportunity to work with Amazon during the construction of other distribution centers including ones in Houston, TX and Stockton, CA.



Google Data Center

Waco, TX

Plan Review and Inspection Services



BV provided plan review and inspection services for the 260,000 square foot Google Data Center located in Midlothian's Railport Business Park. This facility sits on a 375 acre campus, has an estimated value of \$600 million, and is bringing an anticipated 40-50 new jobs to the area.

Data centers are an integral part of enhancing Google's capacity to provide fast and reliable services to users not only in the state of Texas but throughout the United States and internationally. Their primary function is the processing of data and making it available. A Data Center is a complex and unique structure which consists of compute storing, networking, and power and cooling infrastructure.

SCOPE OF WORK

Plan review and inspections services of:

- Building and Safety
- Mechanical
- Electrical
- Plumbing
- Civil and Utility Inspections

PROJECT SPECIFICATIONS

- 260,000 square foot facility
- 375 acre campus
- Intricate and robust power generation and distribution systems and cooling infrastructure to ensure optimal operation and preservation of the server racks housed in the center

Construction Value: \$600 Million

INDUSTRIAL / COMPLEX PROJECT EXPERIENCE



Rancho Seco Solar Shares Project Sacramento Municipal Utility District (SMUD)

QA/QC Inspections

The Rancho Seco Solar Shares project in Herald, CA includes the installation of 500,780 Photovoltaic (PV) modules surrounding the decommissioned Rancho Seco Nuclear Generating Station. The 913 MW (NP) nuclear plant is no longer in commission, however SMUD is expanding its surrounding solar facilities to 210 MW (NP) of renewable energy in addition to its natural gas assets at the site. The 508 acre construction area will surround the now-empty cooling towers and the access road to the Rancho Seco Recreational Area.

As SMUD field representatives, our task is to review and monitor construction techniques for technical adequacy, witness construction testing, identify constructability, and review conformance to design documents, project documents, SMUD specifications and code requirements.

Military Housing Photovoltaic Plan Review & Inspections

TESLA

Electrical Plan Review and Inspections

Tesla selected Bureau Veritas to provide plan review and inspection services of the Solar PV rooftop installations for neighborhoods that are located on federal land and are not under the local city or county's jurisdiction. Inspectors

verify that the installations are according to the approved plans, specifications and codes. During the project meter socket adapters and string level optimizers, as well as module level optimizers were utilized. BV has experience in quality assurance systems, with a strong knowledge of solar Photovoltaic (PV) technologies and installation practices to ensure compliance with the products.

Sunshine Valley Solar Project

First Solar

Structural and Electrical Plan Review, QA/QC Inspections, Vegetation Compliance Monitor



First Solar Electric, LLC selected Bureau Veritas to perform structural and electrical plan review, QA/QC inspections and a Vegetation Compliance Monitor for the Sunshine Valley Solar Project, a 100 MW project on 800 acres of private land located 8 miles from the Ash Meadows Wildlife Refuge in Amargosa Valley, Nevada. Bureau Veritas provided plan review and inspections for both the substation and PV fields. When fully operational, the project will generate enough clean solar energy to serve the needs of about 23,000 average homes per year.

Bureau Veritas has also worked on the following two First Solar projects:

- Rosamond Antelope Solar Project - Electrical Engineer, QA/QC Inspections
- Playa Solar Project - Electrical Plan Review

INDUSTRIAL / COMPLEX PROJECT EXPERIENCE



Gray Hawk Solar Project

Mojave County, AZ

Electrical Plan Review

Bureau Veritas provided electrical plan review for the Gray Hawk Solar Project, located in Kingman, AZ. The project is 49.5 MW single axis tracker photovoltaic arrays with a 69 kV transmission line.

Deputy Electrical Inspections - McCoy Solar Plant

First Solar

Electrical Deputy Inspector

First Solar Electric, LLC selected Bureau Veritas to perform Electrical Deputy Inspector-Blocks 2-3 for the McCoy Solar Plant project located in Riverside County, California. The McCoy Solar Plant project required electrical inspections, to be performed by inspectors approved by Riverside County (Special Inspector Qualification Application) to satisfy the (Conditional Use Permit) CUP (Case # CUP03682) conditions of approval, as requirement by the County of Riverside.

Provided all requested labor, equipment and materials to provide construction inspections for the electrical improvements on Site as required by the County of Riverside Building and Safety Department for Deputy Inspectors.

Work included the following:

- Inspection of all electrical trenches.
- Depth, bedding, backfill, and compaction.
- Review of compaction test results provided by others.
- Horizontal and vertical separation of cable.
- All electrical inspections associated with the plant electrical system, including but not limited to:
 - » Module strings and runs to the Harness Combiner Boxes (HCB)
 - » All connections and terminations at the HCB
 - » Electrical runs from the HCB to the Power Conversion Stations (PCS)
 - » All connections associated with the PCS
 - » Electrical runs from the PCS to the Photovoltaic Combining Switchgear
 - » Portion of the 34.5 kV run from the PVCS to the first pole outside of Riverside County jurisdiction



New Cuyama Power Plant

County of Santa Barbara

Electrical Plan Review

Bureau Veritas provided electrical plan review for the New Cuyama Power Plant, A 400MW project located in Santa Barbara County. Bureau Veritas reviewed the project plans which included the 3 miles of 300 kV gen-tie transmission lines, the switchgear in the plant and an additional piece of equipment that was identified by First Solar.

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