STATEMENT OF QUALIFICATIONS

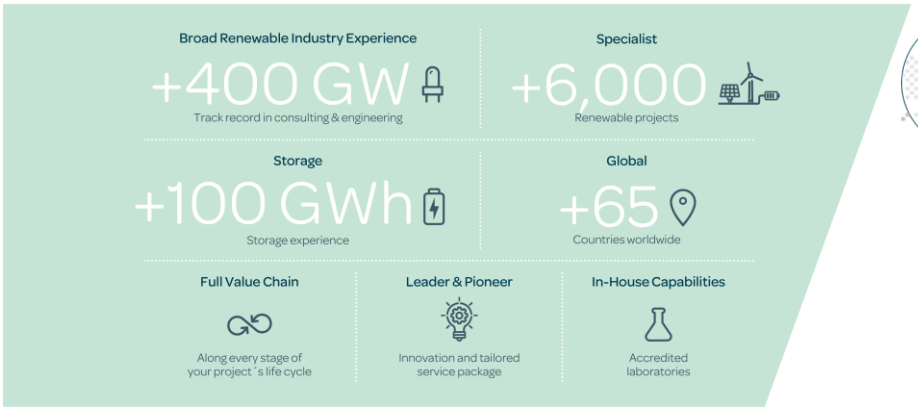
Safe Harbor

USA

Q1 – 2025

Enertis Applus+ is a global consulting, engineering and quality control firm with expertise in the renewable energy and energy storage industries.

Our mission is to ensure maximum profitability for our clients and proper risk management of their projects by providing innovative services with high added value. As a one-stop service provider in technical assistance for renewable energy assets, we are specialized in solar PV, wind and BESS technologies.



Our experience includes more than 400 GW of installed capacity in generation projects and 100 GWh in energy storage projects and we have provided services for more than 6,000 projects in over 65 countries.

We currently have offices in Spain, USA, Chile, Mexico, Australia, United Kingdom, Italy, Panama, Colombia, Argentina, Brazil, South Africa, and China and are supported by the Applus+ Group's global network of 400 offices and over 23,000 professionals worldwide.

OUR SERVICES

Our team of highly-trained, technical experts provides a comprehensive service portfolio and independent advice along **every stages of a project's life cycle**, from the pre-planning to the operation phase.

	PRE-PLANNING	PLANNING & DEVELOPMENT	CONTRUCTION & COMMISSIONING	OPERATION
Technical Advisory & Consulting	• Site assessment • Environmental and administrative • constraint analysis • Solar resource assessments • and energy yield assessments • Grid connection review • CAPEX/OPEX estimation	• Technical Due Diligence for vendors and M&A transactions • Lender's Technical Due Diligence • Technical specifications and tender support	• EPC milestones review • Construction monitoring • Provisional and Final Acceptance supervision	• Technical analysis and performance audits and reports • Supervision during operation
Engineering	• Conceptual/Basic design • Technical/economic feasibility analysis of hybridization of solar PV & wind & BESS technologies	• Design for permitting • EPC/O&M contract negotiation support	• Owner's Engineering • Detailed engineering review • EPC contract support • Commissioning oversight	• Repowering / revamping support
QAQC Supply Chain	• Technical advisory during negotiations with PV, BESS, and other equipment suppliers • Bankability reports • Supply chain traceability • Vendor's qualification	• Pre-production factory audit and BOM validation through laboratory testing • Production supervision • Pre-shipment inspections • Factory acceptance test witnessing • Safe Harbor		
Testing & Optimization		• Albedo on-site measurement	• Post-shipment inspections of PV & BESS containers • Electroluminescence (EL) to installed PV modules • Visual Inspection, I-V Curve, IR inspection, Inverter efficiency measurement, and any other LV & MV test	• PV Mobile Laboratory testing • Massive and daytime EL • IR inspections • Maximum power measurement at STC • Pyranometers calibration

Certified partner

We have our own laboratories and accredited module's quality inspection procedures (CBTL/IECEE, ISO/IEC 17025 and IEC 17020).

Independent partner

We remain fully independent from manufacturers to verify the quality of PV modules and other main components of renewable energy projects.

Tailored & comprehensive services

We offer customized services to verify the quality of every stage of the manufacturing process.

+220
Workshops

+500
Factory Audits

+80
Suppliers

+60
Locations

Senior Manager, North America – QAQC

James Whittemore

Mr. Whittemore holds a BS degree in Biochemistry from Texas State University and attended Graduate School at the University of Southern Mississippi.

He has more than 11 years of experience in PV Manufacturing. His manufacturing experience ranges from process engineering of thin film CIGS(S) modules at Stion, to process and equipment engineering of N-PASHA cells at Mission Solar, to leading the Quality, Equipment and Process Engineering departments in more traditional module manufacturing at Mission Solar and leading as Operations Manager at Jinko Solar's US Factory.

He recently joined Enertis Applus+ as Senior Manager – QAQC to support the operations of QAQC/Vendor Inspection Services in the Unites States.

Senior Manager - QAQC & Technology

Carlos Sandoval

Carlos Sandoval has over 11 years of experience in the oil and gas industry, consultancy, and PV solar field. He currently works at Enertis as a Senior Manager, leading QAQC and BESS initiatives globally and executing several projects with a focus on the USA market. He also supports technical advisory services for EPC, owners, and financial entities on topics related to supply agreements, testing plans, technology trends, supplier qualification, BOS equipment, and the PV supply chain. His experience in QAQC and project management covers 15+ GWp on large utility-scale projects worldwide.

Prior to joining Enertis, he held roles as a Technical Service Responsible and Lead Inspector in the crude oil and gas industry, supporting engineering, on-site, and quality control activities and later as Technical Consultant for tax deduction purposes of R&D projects. Carlos holds a Bachelor's degree in Mechatronics Engineering, MSc in Engineering Management, and Master of Business Administration (MBA).

Project Manager - QAQC

Alan Li

Mr. Alan (Xiaohan) Li is an experienced professional with over 5 years in the PV industry, specializing in quality assurance, process engineering, and technical management. Currently, as Project Manager - QAQC at Enertis Applus, he manages quality procedures, conducts failure analysis, and oversees testing for solar projects. Starting his career in the automobile industry, Mr. Li transitioned to solar at Jinko Solar, where he developed manufacturing processes and quality systems.

He later became Process Engineering Supervisor for a 5GW Topcon solar module factory, where he led the commissioning and ensured quality and certification success. With expertise in materials science, Mr. Li is committed to improving solar project reliability and efficiency, supporting the renewable energy sector's growth.

Asia Manager – QAQC

Carlos Worner

Carlos Worner is an experienced engineer with 12 years in the aerospace and solar industries. As Asia Manager (Quality & Technology) at Enertis Applus+, he oversees key business objectives, providing technical advisory services to EPC contractors, project owners, and financial entities. His expertise spans supply agreements, testing protocols, supplier qualification, and technical due diligence.

Before joining Enertis Applus+, he was Director of Operations at a leading photovoltaic service provider. An aerospace engineering graduate from the Polytechnic University of Madrid, Carlos actively collaborates with EPCs and investors, driving innovation and ensuring the success of energy projects.

Head of QAQC & Technology

Vicente Parra, PhD

Dr Vicente Parra can look back on 16 years of experience in the photovoltaic industry. He initially worked as Director of R&D and Technology in various solar PV companies and held managing positions as a member of the respective Board of Directors. These companies were involved in the development, manufacture and sale of high-quality silicon wafers, cells, modules, and solar trackers. In April 2014, Vicente joined Enertis Solar as Head of Quality, Innovation and Testing Services, currently leading the QAQC and Vendor Inspection business unit of the Applus+ Renewable Energy Services Division, after the acquisition of Enertis Solar by the Applus+ Group.

He is a globally recognized technical consultant with extensive knowledge of the manufacturing, performance and quality of PV, BOS, and BESS equipment, having completed more than 50 GWp of projects to date, involving supply chain advisory, factory inspection and testing services in diverse PV project contexts. To date, he has published more than fifty papers in peer-reviewed scientific journals dealing with materials science, sensor devices and solar PV technology, as well as regular contributions to international journals like PV Tech.org and PV Magazine.

Operations Manager – QAQC

Ruperto Gómez, PhD

Dr. Gomez is a Process, Manufacturing, and Technology Senior Engineer with 25+ years in the global photovoltaic and semiconductor sectors. His expertise spans solar cells, photovoltaic modules manufacturing, technology, and reliability.

He managed the transfer and training of processes and products for BP Solar worldwide, improving production KPIs. Dr. Gomez spearheaded the setup of manufacturing lines in Mexico and Poland, overseeing technology transfer, product specifications, and certifications. He conducted technical assessments of PV module manufacturers in China, identifying risks and implementing mitigation plans. In his role at Enertis Applus+, he led inspections in Asian factories and tested over 10,000 solar panels from various manufacturers.

HIGHLIGHTED PROJECTS IN THE US

Name of assignment or project	Safe harbor – Transformer - 2024
Project location/Project capacity (in MW)	Colorado/199 MW
Manufacturing location	South Korea

Scope of Works performed	• Safe harbor start of construction verification for a 230kV/230MVA Transformer
	  • 1 conservator
	  • 6 radiators

Name of assignment or project	Safe harbor – Transformer - 2024
Project location/Project capacity (in MW)	Georgia/118 MW
Manufacturing location	India

Scope of Works performed	• Safe harbor start of construction verification for a 230kV/130MVA Transformer
	  • 1 conservator
	  • 2 radiators

Name of assignment or project	Safe harbor – Transformer - 2024
Project location/Project capacity (in MW)	Washington/98 MW
Manufacturing location	India

Scope of Works performed	• Safe harbor start of construction verification for a 230kV/110MVA Transformer
	  • 1 conservator
	  • 2 radiators

HIGHLIGHTED PROJECTS IN THE US

Name of assignment or project	Safe harbor – Transformer - 2024
Project location/Project capacity (in MW)	Washington/80 MW
Manufacturing location	India

Scope of Works performed	• Safe harbor start of construction verification for a 138kV/164MVA Transformer
	  • 1 conservator
	  • 2 radiators

Name of assignment or project	Safe harbor – Transformer - 2024
Project location/Project capacity (in MW)	Washington/80 MW
Manufacturing location	India

Scope of Works performed	• Safe harbor start of construction verification for a 138kV/190MVA Transformer
	  • 1 conservator
	  • 2 radiators

Name of assignment or project	Safe harbor – Transformer - 2024
Project location/Project capacity (in MW)	California/90 MW
Manufacturing location	India

Scope of Works performed	• Safe harbor start of construction verification for a 230kV/220MVA Transformer
	  • 1 conservator
	  • 12 radiators

HIGHLIGHTED PROJECTS IN THE US

Name of assignment or project	Safe harbor – Transformer - 2024
Project location/Project capacity (in MW)	New Mexico/170 MW
Manufacturing location	Mexico
Scope of Works performed	• Safe harbor start of construction verification for a 345kV/111MVA Transformer • 1 conservator

Name of assignment or project	Safe harbor – Transformer - 2024
Project location/Project capacity (in MW)	New Mexico/100 MW
Manufacturing location	Mexico
Scope of Works performed	• Safe harbor start of construction verification for a 345kV/111MVA Transformer • 1 conservator

Name of assignment or project	Safe harbor – Transformer - 2024
Project location/Project capacity (in MW)	Iowa/400 MW
Manufacturing location	Mexico
Scope of Works performed	• Safe harbor start of construction verification for a 161kV/225MVA Transformer • 1 conservator

HIGHLIGHTED PROJECTS IN THE US

Name of assignment or project	Safe harbor – Transformer - 2024
Project location/Project capacity (in MW)	Missouri/400 MW
Manufacturing location	Mexico
Scope of Works performed	• Safe harbor start of construction verification for a 161kV/225MVA Transformer • 1 conservator

Name of assignment or project	Safe harbor – Transformer - 2024
Project location/Project capacity (in MW)	Indiana/200 MW
Manufacturing location	Mexico
Scope of Works performed	• Safe harbor start of construction verification for a 230kV/215MVA Transformer • 1 conservator

Name of assignment or project	Safe harbor – Transformer - 2024
Project location/Project capacity (in MW)	Minnesota/200 MW
Manufacturing location	Mexico
Scope of Works performed	• Safe harbor start of construction verification for a 230kV/215MVA Transformer • 1 conservator

HIGHLIGHTED PROJECTS IN THE US

Name of assignment or project	Safe harbor – On-Site Physical Work of a Significant Nature - 2024
Project location/Project capacity (in MW)	Michigan/300 MW
Scope of Works performed	• On-Site Physical Work of a Significant Nature – Inverter Piles

Name of assignment or project	Safe harbor – Transformer - 2024
Project location	AZ, CA, CO, LA, IL, IN, NM, OH, TX, VA
Manufacturing location	United States
Scope of Works performed	• Safe harbor start of construction verification for 23 control enclosures for 23 projects

Name of assignment or project	Safe harbor – Transformer - 2024
Project location/Project capacity (in MW)	California/600 MW
Manufacturing location	China

Scope of Works performed	• Safe harbor start of construction verification for a 500kV/370MVA Transformer
	  • 1 conservator
	  • 2 radiators

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