



Capability Statement

Cable Fabrication

Onshore and Offshore High Voltage
Cable Fabrication QA/QC

London | Boston



Collaborative Oversight, Informed Decision-Making

On-site expertise to safeguard quality, delivery, and compliance

Offshore Construction Associates (OCA) embeds experienced project engineers and QA/QC professionals directly into the manufacturing environment, providing continuous oversight and ensuring alignment with project requirements. Our proactive communication with supplier teams enables early identification of issues, full traceability of production processes, and rapid response to evolving project needs. This integrated approach supports transparency, accountability, and successful delivery.

Consistency, Confidence, and Commitment

OCA maintains long-term factory presence, helping clients navigate complex production environments with confidence. We support the execution of cable tests, witness key quality milestones, and verify the implementation of processes in accordance with industry standards. Our ongoing involvement enhances client trust and minimizes downstream risk through early issue resolution and quality assurance at every stage.



Services



Quality Assurance

We provide embedded QA specialists who monitor daily manufacturing activities, verify compliance with project specifications, and ensure documentation and traceability standards are met. Our team ensures consistent application of agreed procedures and proactively flags deviations, safeguarding product quality throughout fabrication to loadout delivery.



Testing & Inspection

Our engineers witness and review all major factory tests including type tests, routine tests, and factory acceptance tests. We coordinate with the supplier's quality teams to verify testing procedures, confirm outcomes, and ensure all records are completed and shared accurately with stakeholders.



Client Interface

We serve as the client's trusted on-site presence, facilitating real-time communication between the client and supplier teams. By maintaining clear and consistent updates, we help clients make informed decisions and stay ahead of potential schedule or technical issues.



Delivering Value at Every Stage

Proven track record in offshore wind cable QA/QC oversight

OCA provided comprehensive QA/QC and project engineering support during the fabrication of high-voltage export cable for the Seagreen Offshore Wind Farm, the first HV offshore cable manufactured at the Nexans Charleston facility. In addition to Seagreen, we have supported four other U.S. export cable projects and one additional project in the UK, further expanding our expertise across multiple markets. We continue to support cable production to this day, bringing continuity, technical insight, and peace of mind to our clients.

Our clients



EMPIRE WIND



Ørsted



Our Team



Hugo Polanco

Senior Consultant, USA



Cameron McPartland

Senior Consultant, USA

✓ Expertise ✓ Quality ✓ Creativity ✓ Community

Let's talk about
your project



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