

Data Processing QC Services

EPI have a group of highly experienced seismic data processing consultants, each with over 20 years of industry experience in regions spanning the globe. Our experts are conversant with the latest technologies utilized at the larger processing houses.

Why use an independent Processing QC?:

- Error detection and improved data quality.
- Avoid financial outlay on unnecessary processing steps.
- Keep your project on or ahead of schedule.
- Improved collaboration & knowledge sharing.
- Unbiased evaluation.
- Risk mitigation & enhanced data confidence.



What we do:

EPI can provide support throughout any stage of the processing cycle, from shortlisting of suitable contractors through to quality control of final products:

- **Scope of work development**
- **Tender management and evaluation**
- **Project supervision**
- **Project scheduling and budget tracking**



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Key aspects of the Processing QC role:

- Understanding the key objectives & main targets, observing throughout the project.
- Ensuring the processing contractor has all necessary data and information.
- Developing appropriate test sequences whilst maintaining the project schedule.
- Ensuring QC standards & schedules are met, suggesting remedial action as necessary.
- Reviewing all testing and parameter selections.
- Regular meeting with contractors, providing meeting reports to end clients.
- Monitoring schedules & costs, putting mitigation procedures in place where needed.
- Checking of contractor invoices.
- Quality Assurance of all final products, including the final report.

Our experts provide processing supervision services for the following scenarios:

- Oil & Gas, Carbon Capture & Storage, Renewable and Geothermal Sectors.
- Marine, Land and Transition zone environments.
- 2D, 3D, 4D, Streamer, OBC & Node surveys.
- Hi-res & UHR surveys.
- New and vintage seismic data (processing & re-processing).
- Time & Depth processing (including Full Waveform Inversion & RTM).

EPI have fully licensed Shearwater Reveal processing systems, as well as Petrel and Kingdom interpretation software available, to allow for confirmatory parameter testing, checking and assisting in visualization of large data volumes.

What our clients say:

“EPI provided excellent support during the entire course of the project, managing very well the relations with the processing contractor, challenging their suggestions, providing good recommendations and cooperating closely with both our team and the contractor’s team. Their contribution was essential to the success of the project.”
Capricorn Energy

“We are very satisfied with EPI’s work. Great teamwork from the beginning, constant supervision and QC over the processing work, and most important very experienced and professional.”
Pioneer Oil & Gas