



Positioning for future growth with ASME



Taylor's Engineering & Welding Services

01. Background

Since its founding in 1987, Taylor's Engineering and Welding Services has built an outstanding reputation for supplying welding and fabrication services to the petrochemical and mining industries throughout Western Australia.

With a 200-strong workforce, Taylor's can handle all sizes and complex projects and see them through to completion without compromising quality, safety, or the environment.

02. Result

Achieved an ASME certification mark stamp in only three months to become one of only a handful of ASME-approved shops in Australia. This allows Taylor's to serve the needs of their customer base better and further opens the local market to Taylor's services by providing more confidence in their systems and abilities.

For over three decades, Taylor's Engineering & Welding Services has served the Western Australia market with its vessel fabrication services to various industries, including petrochemicals and mining. Although much of Taylor's work is carried out according to Australia and New Zealand standards, the company receives regular requests to work on projects that fall under the scope of the American Society of Mechanical Engineers (ASME).

Here, LRQA speaks with Mathew Lee, a Quality Manager at Taylor's, to discuss the ASME certification process and how it has brought several benefits and more growth prospects to the company.

Why ASME?

An ASME certification mark stamp is an indication of quality for pressure vessels and ensures that the design, fabrication, and testing of vessels conform to ASME guidelines. The ASME certification mark stamp is used by more than 100 countries globally, is accredited under all jurisdictions, and is necessary for approval by many local regulating agencies.

Taylor's felt that having the ASME certification would allow them to serve the needs of their existing customers better and that the robustness of ASME would provide competitive opportunities for future growth by instilling further confidence in the market regarding their abilities and processes.

“ We had been approached to look at feasibility for the supply of heat exchangers to overseas plants from one of our existing clients, and the locations of these exchangers would require ASME certification.

We also receive occasional ad-hoc requests and thought this would be a good opportunity to proceed.”

The certification process


Taylor's approached LRQA in mid-2020 to investigate the possibility of ASME certification. LRQA Surveyor Rao Doddi was assigned as Taylor's ASME inspector. Mathew Lee and his team were immediately impressed by Rao's in-depth knowledge of ASME and the wider range of applicable welding and materials standards.

"Working with LRQA was a good experience. Rao provided a fantastic level of knowledge and experience during the whole process. In the short time frame during which we worked with Rao, he was able to provide not just what was needed to achieve our immediate goals but also listened to what we needed as a business on the whole in the longer term."

While Taylor's hit an unexpected roadblock in the process during materials procurement, Rao was able to guide the company in reviewing alternative materials on offer and applying for recertification.

Although it was hard work and involved both robust quality and welding processes and systems, the strong collaboration between Taylor's and LRQA experts meant that the ASME certification was achieved in just over three months despite ongoing COVID-19 restrictions.

Why LRQA?

 When we started exploring the possibility around ASME certification within Australia, LRQA was a top choice. They provided prompt service and during discussions were proactive and clear with the process from the very start."

Mathew added that the process, much of which was carried out remotely, felt inclusive and very clearly defined and executed. "Keeping consistent focus during the remote audit was the only challenge, and the technology and process allowed us to do this," he commented.

Taylor's is now confident that it is in a better position to further explore both the local repair and new build export markets as a result.

Why choose LRQA?

We're here to help negotiate a rapidly changing world, by working with you to manage and mitigate the risks you face. From compliance to data-driven supply chain transformation, it's our job to help you shape the future, rather than letting it shape you. We do this by delivering:

Strategic vision

Our technical know-how, sector expertise and innovative, forward-thinking approach will help you meet the challenges of today – and become a safer, more secure, and sustainable organisation tomorrow.

Technical expertise

Our people are sector experts. They bring with them a clear understanding of your specific challenges, standards and requirements – then deploy deep knowledge of certification, customised assurance, cybersecurity, inspection and training to help you meet them.

Global capability

Operating in more than 120 countries, recognised by over 50 accreditation bodies worldwide, and covering almost every sector, we can help you manage risk, drive improvement and build credibility with stakeholders around the globe.

Effective partnership

Every business is unique. That's why our experts work with you, to fully understand your needs and goals, and work out how we can best support them.

Fresh perspective

We have led the way in shaping our industry and continue to take every opportunity to collaborate with clients and pioneer new ideas, services and innovation.

Get in touch

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