

What a Hydraulic Consultant does and why is it important

A Hydraulic Service Consultant is a vital part of a successful design team, and their input into the building design includes the design intent for all plumbing services where applicable that are to be installed as part of the construction of the building.

This can be any type of building from a class 1 (domestic dwelling) to large industrial, commercial or health facilities classes 2 to 9.

Hydraulic Services design is the essence of any building, providing the link between the building and those people who will utilize the building for work, play or to live. Plumbing and Fire Services have links with Health and Safety demands that all designs be carried out by skilled people with a wealth of knowledge developed over time and through experience gained.

Intensive plumbing design (Hydraulic Services) means investing time and finances during the initial design phase to save time, labour and material costs during construction to maximize the return on the developer/ client during and post construction.

A Hydraulic Services consultant ensures the quality of the plumbing design by detailing and providing information on detailed drawings.

Design to emphasis on buildability and value engineering, incorporating provisions for backup operations guaranteeing uninterrupted functionality and use.

What does a Hydraulic Services Consultant do –

A Hydraulic Services Consultant will as part of the design team provide to the client / project, depending on the level of commission and scope of work required:

- Conceptual planning and design
- Design and documentation for Design and Construct project delivery.
- Design and documentation for plumbing approval.
- Construction administration services for quality control

Ensure compliant design complies with all the relevant Australian Standards, Codes and any applicable local authority requirements and ensure a speedy approval process through the varies local authority departments.

Why use a Hydraulic Service Consultant that is a member of the AHSCA.

The AHSCA members are fully trained and experienced Hydraulic Services and wet fire services professionals that are part of an organization that engage our membership to utilize a network of self-minded individuals and associated plumbing industry professionals be in it design, product supply or construction.

A member of our association is:

- Committed to excellence in Hydraulic and Wet Fire Service design and documentation.
- To understand client goals and objectives.
- Meet Architectural, Structural, Building and Development constraints.
- Prioritize safety, Cost – effectiveness, innovation, and long-term efficiency, with minimal maintenance requirements.
- Integration of cutting-edge technology continued investing in research.
- Meticulous selection of equipment and materials

- Effective communication

Members are kept up to date on all the latest industry innovations via our extensive network within the plumbing industry and by attending affiliate member presentations either in person or via web-based webinars, this ensures members have the required best technical expertise, technical proficiency in engineering and hands on experience to provide comprehensive design solutions for all plumbing and hydraulic needs end to end services.

A member of the AHSCA has access via our national body to all the required resources needed to ensure that we can all provide the most professional service to their clients, all members are required to undertake continuing professional development ensuring that they are up to date on all of today's innovations and have a full and comprehensive understanding of all the capabilities and limitations as applicable.

The use of a member of the AHSCA for your next project will deliver the best possible outcome, based on expertise, experience, knowledge and understanding of the clients and the project's requirements.