



Sustainable Pumping for Water, Wastewater, Hydraulic Engineers

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Holiday INN (Remarkables Park) Queenstown, NZ
Oct 23rd, 24th, 2024

Proudly presented by
WATER PUMPING INSTITUTE

Suited to Engineers, Consultants, Designers & Managers in Industrial, Municipal Water Supply, Sewage, Treatment and Building Services pumping systems.

See modules: <http://www.talle.biz/psmcmetricw&wwinfo.pdf>

The course empowers you to **quantify CO² emissions from your pumping projects** and in turn **minimize emissions within Cap-and-Trade limits, and at the same time save hugely on pumping costs**. With emphasis on Life Cycle Costing (LCC), the course material is invaluable for establishing OPEX and whole of life costing.

See course video here:



The course highlights advanced design techniques for pump and pipeline selection which explores the unique relationship between Hazen and Williams friction coefficients (C) and bore roughness (K), hydraulic optimisation and long term pipeline C Value limits. Be empowered by our range of **Phone App "Pocket" Calculators for scheme payback and emissions, pipeline optimizer, friction calcs, C Value field testing, NPSHa, pump testing, plus spreadsheets for pump selection, VFD pump application and more ...**

Multiple software, VFD application, internal pipework, valves, filters, flowmeters, corrosion prevention, and sustainable energy pumping is included in the course.

Apps and software video:



The material is 100% Rob Welke's from his 55 years' experience in designing, building, commissioning, and energy auditing water **pumping systems**.

Presented by Rob Welke, WATER PUMPING INSTITUTE

About the Presenter

Rob has 56 years' experience in water supply pumping & hydraulics and has never sold a pump in his life! His whole career has been one of energy efficiency performance monitoring of water pumping systems, pressure gauge in one hand, flow meter in the other. His auditing anecdotes will blow you away!

Click here for [Rob's resume](#)



COST: \$1,450 NZD (no GST payable)

Contact **Rob Welke ph +61 414 492 256**

Open RSVP link below to register, we will then invoice



RSVP