

# Water meters as a compliance and farm tool



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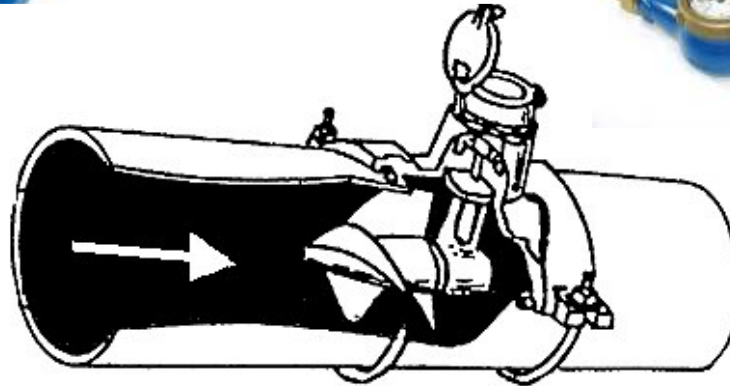
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# Water meter definition

- From *Dictionary.com* (<http://www.dictionary.com/>) definitions v water meter
- Noun – a device for measuring and registering the quantity of water that passes through a pipe or other outlet
- First recorded in 1855-60



# Water Meters



# Fit for Purpose



# South Australia Licensed Water Use Meter Specification

1. Meter Selection
2. Location of meter
3. Installation of the meter
4. Advice to DEWNR
5. Service, repair, replacement or adjustment of the meter
6. Meter reading



# Licensing Requirements

- Measurement of volume from the source
- Sources identified on water management authorisation
- Must provide meter readings – audit of reads
- Water accounting
- Water trade



# On - farm

- Meet on-farm purposes
- Cost
- Use in efficiency projects
- Maximum permissible limits of error + or – 5 percent
- Additional meters other than regulation requirements



# Certification

- Private owned meters
- Certified Installers, Maintainers and Validators
- Pattern Approval
- Compliance auditing



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# Future

- National water metering standards
- Digital by default
- Smart irrigation systems – metering
- Climate change
- What will a futurist meter look like ?





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