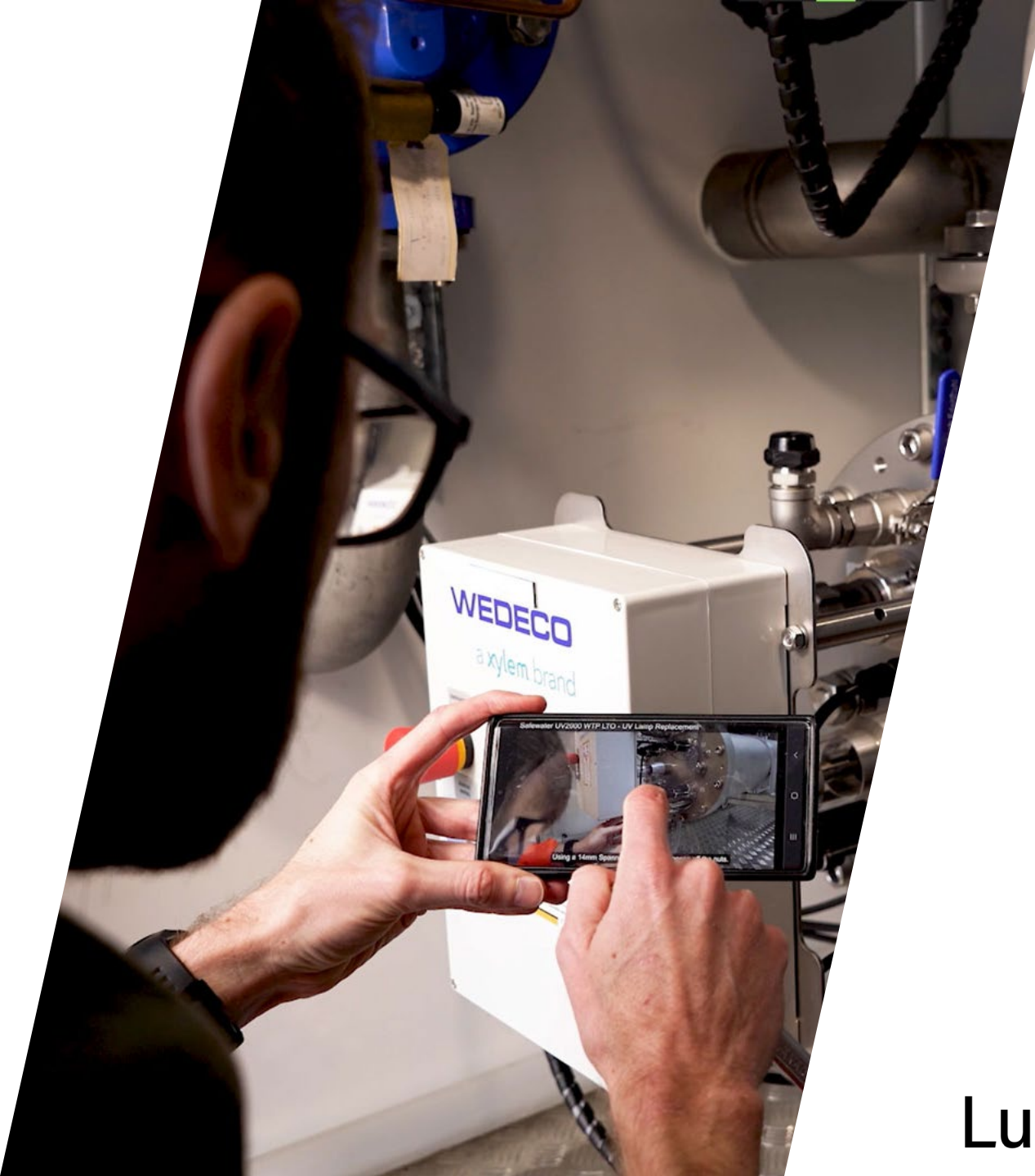


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LTO LICENSE TO OPERATE DIGITAL OPERATIONS TRAINING

INTRODUCTION & CAPABILITIES





LTO

INTRODUCTION

WHY USE AN LTO

LTO FEATURES

VIDEOS & WHITEPAPERS

THE LTO PROCESS

SUMMARY

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1050 points | J. Wilson | Learner | Messages | Help

4 completed courses | 8d 13h training time | 8 badges | 1050 points

KEREPEHI LEVEL 1
Kerepehi WTP LTO Level 1 | 0%

KEREPEHI LEVEL 2
Kerepehi WTP LTO Level 2 | 0%

PAEROA HEALTH AND SAFETY PREREQUISITE COURSE
Paeroa WTP Health and Safety Pre... | COMPLETED

PAEROA LEVEL 1
Paeroa WTP LTO Level 1 | 3%

PAEROA LEVEL 2
Paeroa WTP LTO Level 2 | 0%

PAEROA LEVEL 3
Paeroa WTP LTO Level 3 | 0%

WAIHI HEALTH AND SAFETY PREREQUISITE COURSE
Waihi WTP Health and Safety Pre... | COMPLETED

WAIHI LEVEL 1
Waihi WTP LTO Level 1 | 33%

WAIHI LEVEL 2
Waihi WTP LTO Level 2 | 0%

WAIHI LEVEL 3
Waihi WTP LTO Level 3 | 0%

WAITAKARURU HEALTH AND SAFETY PREREQUISITE COURSE
Waitakaruru WTP Health and Safe... | COMPLETED

WAITAKARURU LEVEL 1
Waitakaruru WTP LTO Level 1 | 0%

WAITAKARURU LEVEL 2
Waitakaruru WTP LTO Level 2 | 0%

WAITAKARURU LEVEL 3

Course catalog
Find new courses

Progress
Find out how you are doing with your training

Join group
To get access to group courses and discussi...

Discussions
Hold conversation with fellow users

Calendar
View current and upcoming events

INTRODUCTION

What is an LTO?

An LTO is an online training platform, which uses videos, visual animations, quizzes and PowerPoints to train operational staff.

They are site specific and accessible almost anywhere, on almost any device. LTOs are multi-levelled – with catered content available for expert to apprentice.

What They Cover:

- Basic Theory
- Process Information
- Maintenance Task
- Plant Control Systems

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cleaning procedure

WHY?

Why use LTO?

LTO's make it easier to train new staff and record their progress.

What they do for you:

- Capture your staff's current knowledge
- Help train new hires even before they go onsite
- Ensure you know who has been trained
- Help experienced operators do their job
- Goes hand in hand with onsite training

ve by lowering down, carefully
spring.

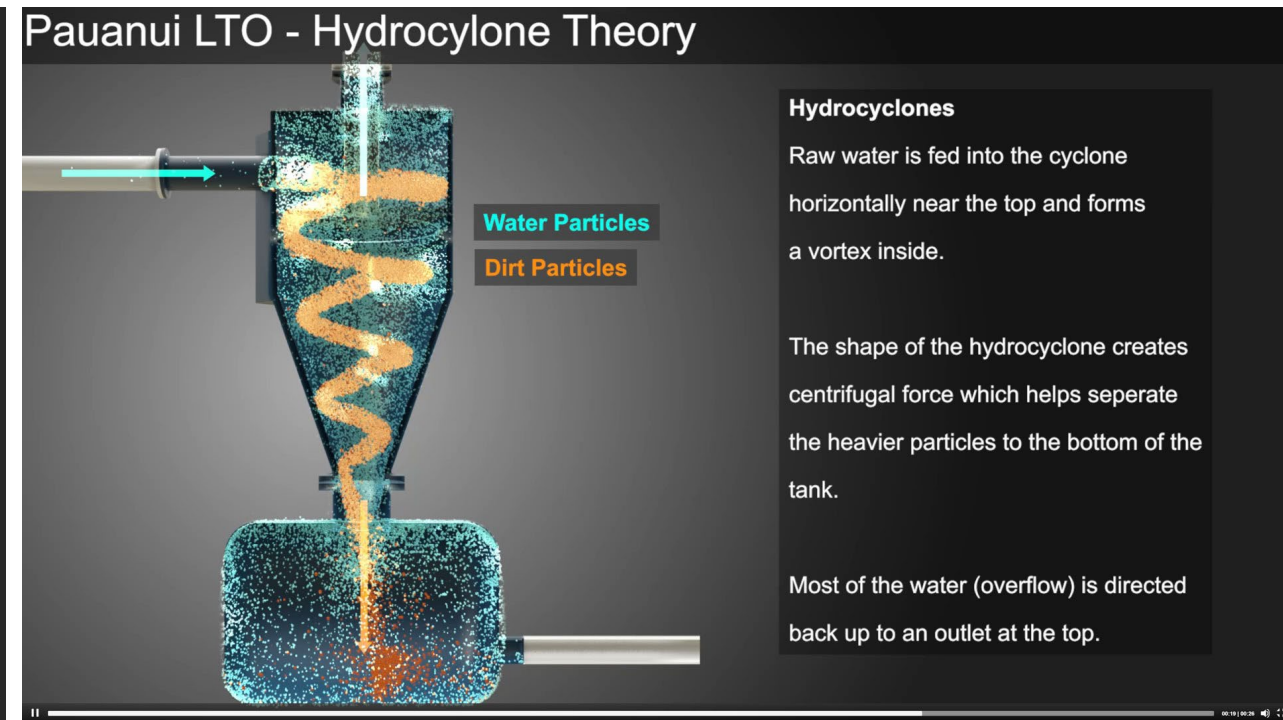
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LTO FEATURES



Interactive Site Maps:

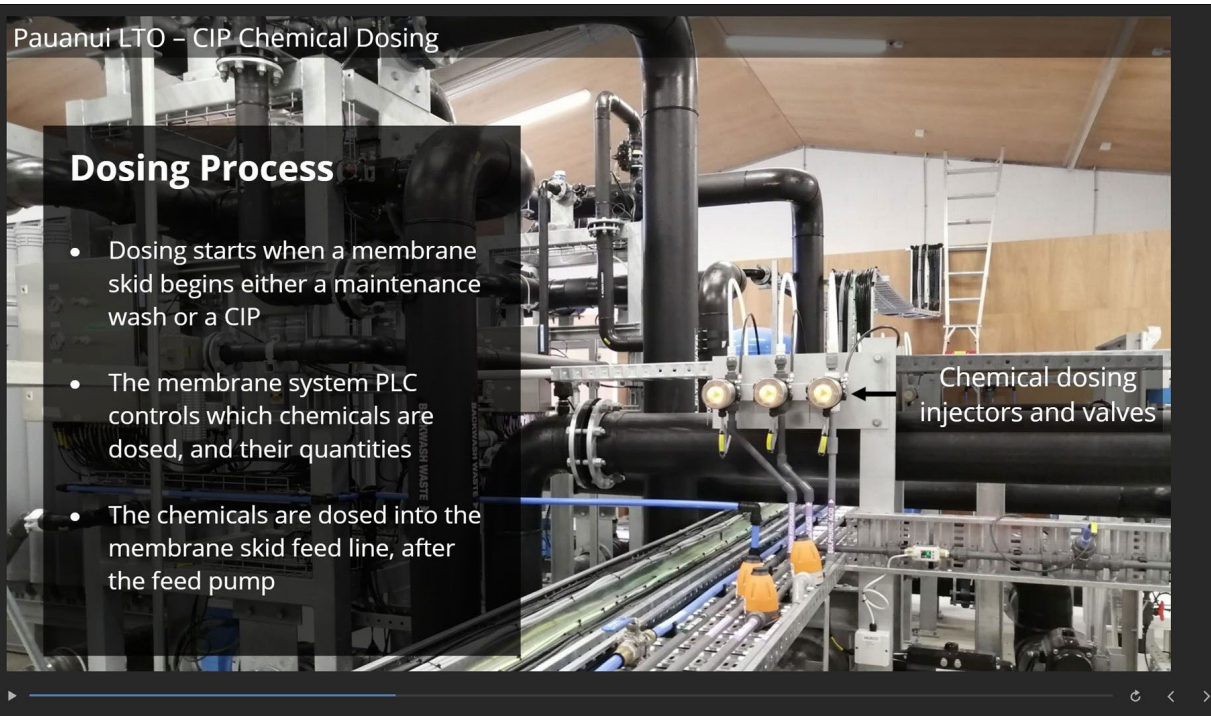
- Site maps can be interactive, allowing users to get to know the layout of a site before they ever go



Animated Theory Lessons:

- Provide the basic principals of each process in an easy-to-understand way

LTO FEATURES



Process Description Presentations:

- Overview of each process along with any important process information (flow rates, system volumes, chemical types etc)



Video Maintenance Lessons:

- Detailed walkthroughs of most common operations and maintenance procedures

LTO FEATURES

Pauanui LTO Level 1

LEVEL 1 - FINAL TEST

EDIT ADD MORE

Match the chemical with the reason why it is dosed:

Sodium hypochlorite (membranes)	To adjust the pH for aesthetic reasons
Citric or sulphuric acid	To remove organic or biological fouling from the membranes
Aluminium chlorohydrate (ACH)	To adjust the pH for coagulation
Sodium hydroxide (to the raw water)	To coagulate solids and dissolved organics (colour) so they can be removed from the water
Sodium hypochlorite (to the treated water)	To remove inorganic (metal) fouling from the membranes
Sodium hydroxide (to the treated water)	To provide a disinfectant residual in the reticulation

Submit answer

Question 14 of 20

Site Specific Tests:

- Tests are included to track user progress

Hauraki DC Waitakaruru WTP LTO - Raw Water Flow Control

Waitakaruru Reservoir - Tetley Quarry

Comms OK
Last Update: 16:23

0.74 ntu
119.9 l/s
0.0%
0.1/s
0.1

WAIRES_P_114 Faceplate

WAIRES_P_114
Int. Pump 2

Main Info Notes Stats

Status
Status Alarm Local Running
None Instrument Reset

Control
Auto Manual

Alarms and Interlocks
Enabled
Reset IL
Ack Alms

which means that along with the suicide intake pumps,

Process Control (SCADA) lessons:

- Detailed lessons on how to use the plant control system for most common tasks

LTO FEATURES

The screenshot shows the 'Users' management page in the Lutra system. At the top, there is a navigation bar with the Lutra logo, user information (J. WILSON | ADMINISTRATOR), and utility links (GO TO, MESSAGES, HELP, Search). Below this is a sub-header 'Home / Users' with an 'Add user' button. The main content is a table listing users with columns for USER, EMAIL, USER TYPE, REGISTRATION, LAST LOGIN, and OPTIONS. The table contains five rows of user data. At the bottom right, there is a search bar and a version indicator 'UPGRADE TalentLMS 5.4'.

USER	EMAIL	USER TYPE	REGISTRATION	LAST LOGIN	OPTIONS
B. Fitzgerald	ben.fitzgerald@lutra.com	SuperAdmin	02/12/2021	02/12/2021	...
J. Wilson	john.wilson@lutra.com	SuperAdmin	02/12/2021	just now	...
L. Ortenzio	louis.ortenzio@lutra.com	Trainer-Type	17/06/2022	23/06/2022	...
S. Li	song.li@lutra.com	Trainer-Type	17/06/2022	28/06/2022	...
T. User	info@lutra.com	Learner-Type	02/12/2021	22/06/2023	...

Easy Admin:

- Tests are included to track user progress

The screenshot shows the 'User reports' page for J. Wilson. The top navigation bar includes 'Home / Reports / User reports / J. Wilson' and tabs for 'Overview', 'Courses', 'Tests', 'Certificates', 'Badges', and 'Timeline'. Below the navigation is a user profile card for J. Wilson (SUPERADMIN) with an 'Export in Excel' button. A summary bar displays key metrics: 12 courses in progress, 4 completed courses, 8d 13h training time, 8 badges, and 1050 points. The 'Activity' section shows a bar chart of logins over time, with a peak on 23/06. The 'Progress overview' section features a donut chart showing that 25% of the progress is completed.

Full Training Records:

- Users and Admins can track their progress with detailed reports

LTO VIDEOS & WHITEPAPER

CHECK IT OUT

Below are a couple of videos and access to a full whitepaper that explain and show what LTO has to offer, click the labels below to view:

[LTO Promo](#)

[LTO Vlog](#)

[LTO IPWC24 Whitepaper](#)

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THE LTO PROCESS

HOW ITS DONE

- Data Gathering and planning
- Site Visit/s to record videos, photos and gather extra data
- Prepare LTO content (Videos, Presentations, Quizzes etc...)
- Publish LTO For Client Feedback
- Training goes live

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SUMMARY

LTO provides flexible online training
Available almost anywhere on almost all devices

LTO is a great tool for on-boarding
New hires can learn about a site before ever setting foot there

LTO is also great for experienced operators
Experienced operators can refer to LTOs for unfamiliar or less frequent tasks

LTO provides full training records
With detailed reports and info metrics for each user

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THANK YOU



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