



October 18, 2022

National Stock Exchange of India Limited

Exchange Plaza, 5th Floor,
Plot No. C-1, G Block,
Bandra Kurla Complex, Bandra (East)
Mumbai - 400 051.

BSE Limited

Phirozee Jeejeebhoy Towers,
Dalal Street,
Mumbai - 400 001.

Sub: - Press Release – STL becomes the world’s first optical manufacturer to be ‘Zero Liquid Discharge’ certified

Ref: - Scrip ID - STLTECH/ Scrip Code – 532374

Dear Sir/Madam,

The Company is pleased to announced that 100% of its Indian manufacturing facilities are now Zero Liquid Discharge (ZLD) certified by Deutsch Quality Systems (DQS India). This is a great milestone for STL in its UN SDG goal of attaining ‘Water Positivity by 2030’.

A copy of the Company’s Press Release in this behalf, is enclosed herewith.

Kindly take the above on record.

Thanking you.

Yours faithfully,

For **Sterlite Technologies Limited**

Amit Deshpande

Corporate General Counsel & Company Secretary (ACS 17551)

Enclosure: As above.

PRESS RELEASE

STL becomes the world's first optical manufacturer to be 'Zero Liquid Discharge' certified

Mumbai, 18 October 2022: [STL \[NSE: STLTECH\]](#), one of the industry's leading integrators of digital networks today announced that 100% of its Indian manufacturing facilities are now Zero Liquid Discharge (ZLD) certified by Deutsch Quality Systems (DQS India). This is a great milestone for STL in its UN SDG goal of attaining 'Water Positivity by 2030'.



While India only has 4% of the world's freshwater reserves at present, the demand will rise by over 70% by 2025, stressing water supply chains like never before. For STL, water management is a top priority in its materiality matrix. This has led STL to develop water-resilient communities through rainwater harvesting, technology intervention to optimise water demand and adherence to stringent Zero Liquid Discharge (ZLD) protocols.

AT STL, the water management process is carried out through Effluent Treatment (ETP) and Multi-effective Evaporator (MEE) plants. The ZLD process involves an in-depth understanding of the liquid waste profiles and in-plant modifications to minimise water usage. The wastewater is chemically treated to remove chlorine and solid particles. It then undergoes three-tiered centrifugation to remove salt and suspended particles, making it fit for reuse in boilers and scrubbers. The entire process is digitally monitored using a Supervisory Control and Data Acquisition (SCADA) architecture and shift dashboards.

STL has replicated this ZLD framework successfully for all six manufacturing plants across Aurangabad and Silvassa, in Maharashtra, India.

All these combined initiatives have helped STL **recycle ~130,000 cubic meters of wastewater** from manufacturing in FY22 across its manufacturing facilities.

Commenting on the achievement, Akanksha Sharma, Global ESG Head, STL, said, *"Water conservation and re-usage is top of the agendas of the companies committing to sustainable business practices. The ZLD certification for all our manufacturing locations in India depicts our conviction that with the right technical innovation, intent, and ecological foresight, it is possible to conserve water and put it to re-usage while operating sustainably."*

About STL - Sterlite Technologies Ltd:

STL is one of industry's leading integrators of digital networks that helps telcos, cloud companies, citizen networks and large enterprises deliver enhanced experiences to their customers. [Read more](#), [Contact us](#).

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For more information, contact:

Sterlite Technologies Limited

Registered office: 4th Floor, Godrej Millennium, Koregaon Road 9, STS 12/1, Pune, Maharashtra- 411 001, India.
CIN - L31300PN2000PLC202408



Media Relations	Agency Contact	Investor Relations
Khushboo Chawla	Guneet Kaur	Pankaj Dhawan
Phone: +91. 9711619114	Phone: +91-8968909392	Phone: +91. 8130788887
khushboo.chawla@stl.tech	Guneet.kaur@genesis-bcw.com	pankaj.dhawan@stl.tech