**S-Lon Lanka Pvt Ltd**

S-lon Lanka (Pvt) Ltd, a subsidiary of the Capital Maharaja Group, is a pioneering leader in Sri Lanka’s water management solutions, having introduced thermoplastic pipes to the nation in 1957. With over six decades of innovation and dedication, S-lon has transformed water accessibility through a diverse portfolio of products, including PVC pipes, fittings, rainwater systems, sewage solutions, and modern accessories like chrome-plated faucets and water pumps. Renowned for its quality and durability, S-lon has been a trusted partner in prestigious construction projects, including the Colombo Racecourse and Jaffna Railway Station. Committed to sustainability and preserving water resources, S-lon embodies its brand promise, “Water for Life,” ensuring clean, potable water for a healthier and more prosperous nation.

**Water Supply and Drainage**

S-lon Lanka (Pvt) Ltd ensures a reliable and clean water supply to support its factory operations and maintain high standards of hygiene. Most of the water comes from an on-site well known for its good quality, with purified water provided in office areas for drinking and sanitation. While water is mainly used for drinking, cleaning, and keeping the facility sanitary, it also plays an important role in cooling during the PVC production process. To ensure a continuous supply, municipal water serves as a backup source, and large storage tanks are available for emergencies. The factory regularly checks and maintains its water system to keep it clean, conserve resources, and follow environmental guidelines.

The factory also has a well-designed drainage system to manage wastewater effectively. Industrial wastewater is treated at an on-site treatment plant using sedimentation and filtration before being safely released into the environment. The factory’s stormwater drainage system helps manage rainwater, reducing flooding and preventing contamination of nearby areas. These systems show S-lon’s commitment to protecting the environment while ensuring smooth and sustainable operations.

**Quality Management**

S-lon Lanka Pvt Ltd ensures high-quality standards for its PVC products by following strict quality management practices and ISO 9001 certification. The company checks raw materials like PVC resins and additives carefully before production. During manufacturing, automated systems monitor important factors like temperature and thickness to ensure products are consistent and reliable. All finished products are thoroughly tested in an accredited laboratory to ensure they meet required standards for strength and durability before being sold.

To maintain quality, S-lon marks each product with details like the manufacturing date, time, and worker information, making it easy to trace and fix any issues. Despite challenges like changes in raw material quality and machinery issues, the company invests in better equipment and employee training to keep improving. With certifications from organizations like SGS, BVQI, WRAS, and SLS, S-lon proves its commitment to international standards, long-lasting products, and customer satisfaction. The company also values customer feedback and acts quickly to resolve complaints, ensuring trust and reliability.

**5S Methodology**

S-LON Lanka Pvt. Ltd. follows the 5S system to make its factory more efficient, organized, and safe. The 5S method is based on five key principles: Sort, Set in Order, Shine, Standardize, and Sustain. In 2015, S-LON was awarded the Taiki Akimoto 5S Merit Award for successfully applying this system. Here’s how it works,

**Sort (Seiri)** - Unneeded items are cleared from the work areas, leaving only what’s necessary. Broken pipes and waste materials are recycled into new raw materials. Managers check regularly to ensure proper sorting.

**Set in Order (Seiton)** - Tools, equipment, and materials are labeled and stored in their designated places. The factory is organized by process, and color-coded bins, shelves, and signs help workers find things quickly.

**Shine (Seiso)** - The factory is cleaned every day to keep it tidy and prevent machine problems. Workers clean their own areas, while a cleaning team takes care of the rest. This ensures a clean and well-maintained environment.

**Standardize (Seiketsu)** - Work instructions (SOPs) are displayed at stations to make sure everyone follows the same procedures. Staff and trainees receive regular training to keep standards high. Audits are done to ensure consistency.

**Sustain (Shitsuke)** - 5S practices are part of daily operations, and S-LON provides ongoing training and reviews to keep improving. Employee feedback is encouraged to find new ways to improve, supporting the company’s commitment to sustainability and community growth.

This system helps create a clean, organized, and efficient workplace.