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MAY DAY

AWARDS

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MODEL WORKER

Mohd Azlan Samadi

Senior Assistant Director
Public Utilities Board

Nominated by the Public Utilities Board Employees' Union

Mohd Azlan Samadi began his career at the Public Utilities Board (PUB) as a technician with an ITE certificate. He demonstrated a strong commitment to continuous learning by pursuing further education. He first obtained a diploma and subsequently completed an honours degree in engineering. Through these efforts, he continuously upgraded his skills to remain relevant and contribute effectively to PUB.

As a leader, he oversees a team of mechanical engineers and assistant engineers in the management and maintenance of mechanical assets across various PUB's Water Supply Network installations islandwide. He consistently reviews work processes and takes bold steps to adopt and implement the latest technologies. His initiatives aim to improve the team's efficiency and productivity while also ensuring a safer workplace. Some of his ongoing projects include:

Leading the implementation of a pump thermodynamic condition monitoring system, which provides real-time insights into the health and efficiency of pumps. Additionally, this system enables data management by storing information on pump operating conditions across different operations. This data serves as a foundation for decision-making tools and will facilitate the future implementation of artificial intelligence for pump operations.

Introducing a digital valve data management system to enhance data acquisition and analytics. This system speeds up rectifying and analysing valve faults, thereby reducing downtime and improving operational efficiency.

Under his leadership, the team has received several accolades through the PUB Chief Executive's Innovative Idea Awards. These awards recognise the successful execution of projects that have significantly improved operational efficiency and workplace safety.

Through his dedication to innovation and operational excellence, he has made a significant impact on PUB's efficiency and productivity.