

Learn how Eye-bot was able to safely deliver significant cost and time savings using advanced drone solutions

CHALLENGES

CSD Engineers has been engaged in a long-term structural inspection program for a major metals company. Scope of inspections includes conveyor systems, industrial buildings, walking surfaces and steel support structures. CSD also performs annual inspections of the quench towers located throughout the site. Previously CSD would have to removed the top of these towers and manually lower an inspector, on a rope, with a camera to collect the visual data needed to perform the further analysis.

SOLUTION

CSD hired Eye-bot to assist in the inspection of the towers by a capturing high-resolution video that could be used for further analysis. Eye-bot's pilots are highly skilled in the data collection methodology needed to perform these technical captures in enclosed and confined spaces. The video captured was analyzed in the field to ensure the necessary data was captured for further analysis.

OUTCOME

CSD was able to save significant amounts of time and money using the Eye-bot team. The use of a drone for inspecting these hard to reach areas reduces the human contact and creates a safer, more efficient method of collecting the necessary data for further analysis.

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HSE guidelines and aging assets require increasingly frequent, more thorough and more complex inspections.

Eye-bot provided us with a high-quality 4K video that was used to inspect the current state of the towers.

- Technical Director, Field Services