Clean Energy
CONSULTING INC.

CONIFEX FORT ST. JAMES: SAWMILL DUST CONTAINMENT AND EXTRACTION SYSTEM

OVERVIEW

CEC Scope:
EPCM for Dust Containment and Extraction System

System Capacity:
60,000 CFM low-pressure Cyclo-filters (2) and 50,000 CFM low-pressure multicone system (1)

Capital Budget:
$7.1M

Project Duration:
8 Months

HIGHLIGHTS

Project completed on time and on budget with zero lost production during installation

PROFILE

The project included the installation of a complex sawdust containment and extraction system within the operating sawmill facility. As industry awareness and regulatory responsibility to mitigate hazardous sawdust conditions within BC Sawmill's increases, mill owners are increasingly challenged to retrofit existing mill equipment. Key project challenges included Customer cost certainty requirements, aggressive project execution schedule, the need for continuous access to primary breakdown equipment for daily operations and maintenance and zero tolerance for production interruptions during installation.

CEC collaborated with project stakeholders in order to conceive, design and deliver the $7.1M Dust Containment and Extraction System for the Fort St. James facility. CEC provided full EPCM services and by applying our Capital Value Model ensured that quality decisions were made early in the project definition phase and project risks were identified and controlled throughout. The CEC project team delivered on ambitious targets while maintaining the highest standards of safety and quality through project identification, selection, definition, execution and commissioning of the dust extraction system in the sawmill, planar mill, and chipping system.

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