ABSTRACT

CST Composites is a world leader in innovative solutions in the composites industry. The markets CST Composites is involved in include: infrastructure, mining, aerospace, defence, automotive and marine. This variety of processes and products has allowed CST to provide superior products across the range of markets by transferring knowledge between them.

Two processes that CST Composites specialises in are filament winding and pultrusion, both of which are common production methods for composites in infrastructure.

This presentation will discuss the filament winding and pultrusion processes, advantages and disadvantages, as well as critical design considerations for manufacturability. It will also highlight key examples of each production method as used in industry.