



CAPE Manufacturing



# CASE STUDY

A study of how MEE Cluster's "LEAP" program assisted CAPE Manufacturing create better visibility for planning and execution throughout their organization.

## OVERVIEW

CAPE Manufacturing specializes in the manufacturing of oilfield processing equipment. They are located in Halkirk, AB and employ about 40 people. With a good reputation in the industry for meeting the needs and expectations of their customers, the demand for their product continues to grow.

However, just like many AB manufacturing companies, especially those located outside of the major cities, the difficulty of attracting appropriately skilled people has proven to be a challenge and is a limiting factor to their growth potential.

It is for this reason that they first reached out to the MEE Cluster.

CAPE took advantage of the MEE Cluster's "LEAP" (Lean Accelerator Program), which involved having an industry specialist in Lean do an on-site assessment of their production operations. This was followed by a second, deeper dive assessment, focusing on workflow, digitization opportunities, and included the engineering, management and administration of the projects.

## PROBLEMS

01

**The big problem:** a manufacturer in Alberta has difficulty hiring enough skilled people to keep up with growth.

02

**The primary addressable problem:** there is little to no visibility of projects in process that would allow management to plan more effectively.



## SOLUTIONS

01

Using MEE Cluster's "LEAP" initiative, MEE brought in specialists to help understand the problem.

02

Create a standard process map c/w weigh points.

03

Create a live dashboard to give the entire organization better visibility for planning and executing.

Promised Delivery	Elapsed Days	Drawings Sent	Drawings Approved	Ready for Schedule	IFC Drawings	Material Ordered	All Material Rec'd	Piping	Vessel	Structural	Assembly	Ready to Ship
7/19/2023	45	Done	Done Late	Done	Done Late	Done Late	Done Late	Done	Done Late	Done	LATE	LATE
8/31/2023	45	Done Late	Done Late	Done	Done Late	Done Late	Done	At Risk	At Risk	In Progress	In Progress	In Progress
7/25/2023	45	Done	Done Late	Done	Done Late	Done	Done	Done Late	Done Late	Done Late	In Progress	In Progress
10/15/2023	44	Done	Done	In Progress	In Progress	In Progress	In Progress	In Progress	In Progress	In Progress	In Progress	In Progress
10/15/2023	44	Done	Done	In Progress	In Progress	In Progress	In Progress	In Progress	In Progress	In Progress	In Progress	In Progress
10/13/2023	44	Done	Done	In Progress	In Progress	In Progress	In Progress	Done	Done	In Progress	In Progress	In Progress
11/10/2023	42	Done Late	Done	Done Late	Done Late	Done Late	LATE	At Risk	At Risk	At Risk	At Risk	At Risk
8/15/2023	38	Done	Done	Done	Done	Done	Done	In Progress	Done	Done Late	At Risk	At Risk
10/17/2023	37	Done	LATE	LATE	LATE	At Risk	At Risk	N/A	At Risk	At Risk	At Risk	At Risk
7/19/2023	31	Done	Done	Done	Done	Done	Done	Done	Done	Done	Done	Done
11/15/2023	30	In Progress	In Progress	In Progress	In Progress	In Progress	In Progress	In Progress	In Progress	In Progress	In Progress	In Progress
11/15/2023	30	In Progress	LATE	LATE	At Risk	At Risk	At Risk	At Risk	At Risk	At Risk	At Risk	At Risk
8/28/2023	24	Done	In Progress	In Progress	In Progress	In Progress	In Progress	In Progress	N/A	In Progress	In Progress	In Progress
7/17/2023	17	Done	Done	Done	Done	Done	Done	N/A	In Progress	N/A	In Progress	In Progress
11/8/2023	17	Done	Done	Done	Done	Done Late	At Risk	In Progress	LATE	LATE	At Risk	At Risk
7/3/2023	17	Done	Done	Done	Done	Done	Done	Done	Done	Done	Done	Done
7/3/2023	17	Done	Done	Done	Done	Done	Done	Done	Done	Done	LATE	LATE
7/3/2023	17	Done	Done	Done	Done	Done	Done	Done	Done	Done	Done	Done
7/3/2023	17	Done	Done	Done	Done	Done	Done	Done	Done	Done	Done	Done
7/3/2023	17	Done	Done	Done	Done	Done	Done	Done	Done	Done	Done	Done
7/3/2023	17	Done	Done	Done	Done	Done	Done	Done	Done	Done	Done	Done



## RESULTS

The manufacturer can now optimize critical resources, shorten order fulfillment time (the time from order to invoice), increase production capacity, and quote on new work more aggressively and successfully. In short, this manufacturer is more competitive, more profitable, and can do more production with the same amount of people.

## CONCLUSION

Every business needs a map and a dashboard - a map to show clearly where you are and where you are trying to go, and a dashboard to tell you specifically how you are doing, in real-time, day-to-day, so you get there without delay, detour, or unnecessary effort. Through MEE's LEAP assistance, CAPE now has both a map and a dashboard that help them better navigate the challenge of growing their company in a challenging labour market while at the same time, positioning them for future challenges and objectives.

## GET IN TOUCH

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