



DETERMINING IF A LOSS IS A REPAIR VS. A REPLACE SOLUTION

GETTING A FIRE DAMAGED, ALUMINUM CASTINGS LINE BACK UP AND RUNNING

CLIENT:
MAJOR COMMERCIAL CARRIER

LOCATION:
INDIANA

NAME OF THE LOSS:
RESIN IMPREGNATION LINE

TIMING:
5 MONTHS

SITUATION

While making repairs to a resin tank with a torch, residual resin caught fire at an automotive casting plant. As a result, the power in the plant went out, and the high production resin line cooled, and stopped. Agitation stopped, ultimately solidifying the line, tanks and all equipment involved.

COMPLICATION

There was no OEM as the pressure vessels dated back to the mid 1960's and other equipment was from the mid 1980's, with the majority of the line modified and customized for the insured's application through the decades.

The insured had another facility which recently installed a new comparable system and had operational challenges achieving desired results and performance. ILC reviewed the progress of the new line installation and determined that the lead time to build a new line was significant. The insured needed to get the line back into production as quickly as possible, due to customer commitments.

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SOLUTION

ILC's machinery consultants were called to provide an assessment of the damaged equipment with the insured and the carrier on site. ILC's assessment determined that the machinery could be restored to its pre-loss condition and include a warranty within a specified timeline. The fastest route to returning the machinery to production was to repair it by transporting it to ILC's warehouse, where a team of experts could expedite the process and return the rebuilt tanks and machinery back to the insured's site.

ILC'S ASSESSMENT DETERMINED THE MACHINERY COULD BE RESTORED TO PRE-LOSS CONDITION AND INCLUDE A WARRANTY GIVEN A SPECIFIED TIMELINE

ILC's machinery consultants worked directly with loss consultants and engineers specific to resin tanks and casting lines to hit the specified 5 month timeline, including adjustments to location and operations and addressing safety issues through electronics, machine equipment and installation of pressure vessels below ground. ILC's solution included:

- The restoration of the resin line at the ILC facility in Elk Grove
- All resin pressure vessels were sent to a certification facility
- Moving the line to be reinstalled in a new location
- All the electronics, pneumatics, hydraulics, plumbing, programming and safety infrastructure was replaced (at the request and expense of the insured), updated safety requirements per code

THE ILC DIFFERENCE

Project Management

Each consultant has an in-depth understanding specific to the process and equipment used by the insured – spanning a wide breadth and depth of machines and processes.

Reduction in Business Interruption

Capability to manage costs and time to restore the equipment predictably and dependably.

Re-Engineering the Technology Platforms

Specific to bringing pre-dated technology and functionality up to current code, adhering to safety and code regulations.

Due to ILC's recommendation and solution, the following results were accomplished:

	REPAIR	REPLACE	DIFFERENCE
Time to get back up and running	5 Months <i>(including modifications and installation at a new location)</i>	6 Months	1 Month
Costs	\$ 1.5 Million	\$ 3 Million	\$ 1.5 Million
Learnings applied from the loss	Pressure vessels installed below ground. Safety and code modifications to electronics and other machinery		

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