

# Custom Lifting Solutions

## BACKGROUND

It is often difficult to find lifting equipment which is designed to safely and ergonomically lift specific work pieces in today's high paced and safety conscious workplace. Most often, the challenge is not to build a stronger lifting device, but to use some ingenuity to develop something that is simple, robust, and stands up to the use of an industrial environment.

## INITIAL CONDITION

Often times, "home made" lifting equipment is used because only through this custom approach can the specifics of a facilities lifting requirements be accurately addressed. Unfortunately, home made lifting devices are typically not designed by an engineer for safety, nor are they inspected and certified as is often required by law.

## ANALYSIS

Regulations regarding safety devices are typically very strict. Thus, an employer really has an obligation to ensure that all lifting devices are designed, certified and up to the strict codes governing such devices. Having "home made" lifting devices is not only an issue of safety for the employees using them, it is a significant liability for the employer providing them.

## IDENTIFIED CAUSE

Lifting devices that were being used were not safe. They had no means to hold work, were often not properly balance, had been deformed and were certainly not certified for use in accordance with local, provincial or federal legislation.

## RECOMMENDATIONS

Induspec always recommends that proper lifting devices are designed, manufactured in accordance with specifications, tested under controlled circumstances and used by trained, competent workers.

## IMPLEMENTATION

We have worked with the line staff of many industrial customers to develop highly customized lifting solutions which are not only safe, but are easy to use. How do we know they are easy to use? because we review the design concept with the end user. We value their input and fashion our designs in accordance with their needs.

## Gallery

