

SEA Lean



Enterprise System

CONTINENTAL
H E A T T R E A T I N G , I N C .



Jim Stull, President

History & Personnel

- ◆ Continental Heat Treating Inc. is a NADCAP approved aerospace heat treating company
- ◆ Located in Santa Fe Springs, California
- ◆ Serving Southern California since 1957
- ◆ 60 employees
- ◆ Management personnel - over 175 years of heat treating experience
- ◆ Top production personnel - over 90 years of heat treating experience
- ◆ All equipment is certified and meets the latest AMS and NADCAP requirements.

"To Provide Reliable Service and Consistent Workmanship to Our Customers"

Processes

Vacuum & Endothermic Atmosphere Oil Quench

Precision Carburize & Carbo-Nitride

Hydrogen Processing

Vacuum Processing

Gaseous Nitriding

Copper Plate Masking

Copper Plate Strip

Nickel Strike

Tool & Die Heat Treat

Nickel & Nickel Alloys

Copper & Copper Alloys

Approved Laboratory



"To Provide Reliable Service and Consistent Workmanship to Our Customers"

Approvals

- ◆ NADCAP
- ◆ Bell Helicopter
- ◆ Boeing
- ◆ Bombardier
- ◆ Curtiss Wright
- ◆ Embraer
- ◆ Extex
- ◆ GE Aviation
- ◆ Goodrich
- ◆ HR Textron
- ◆ Hamilton Standard
- ◆ Honeywell
- ◆ Lockheed
- ◆ Lucas Aerospace
- ◆ MD Helicopter
- ◆ MTU Aero
- ◆ Messier Dowty
- ◆ Moog
- ◆ Parker Hannifin
- ◆ Pratt Whitney
- ◆ Rolls Royce
- ◆ Sargent Industries
- ◆ Schweizer Helicopter
- ◆ Sundstrand
- ◆ Triumph
- ◆ United Space Alliance
- ◆ Vickers

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Operational Excellence: Kaizen Event

- ◆ Process: Inspection

- ◆ Previous State

1. 4 day lead time
2. Operator interruptions

- ◆ Objectives

1. Reduce Lead Time
2. 6S

"To Provide Reliable Service and Consistent Workmanship to Our Customers"

Operational Excellence Kaizen Results

◆ Current State

1. Lead time = 1 day
2. Increased inspection staging area by 25%
3. Established inspection cell and training for heat treat operators (quench checks)

"To Provide Reliable Service and Consistent Workmanship to Our Customers"

Kaizen Victory!

26%

Overall Reduction of Lead
Time to Our Customers

"To Provide Reliable Service and Consistent Workmanship to Our Customers"



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