

HALLIBURTON

THE JOURNEY TO ZERO

ADOPTING TECHNOLOGY FOR WAREHOUSE SAFETY

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Warehouse Supervisor



Agenda

- Company Overview
- HSE & Service Quality
- Warehouse Safety Wins



Company Overview

We collaborate and engineer solutions to maximize asset value for our customers

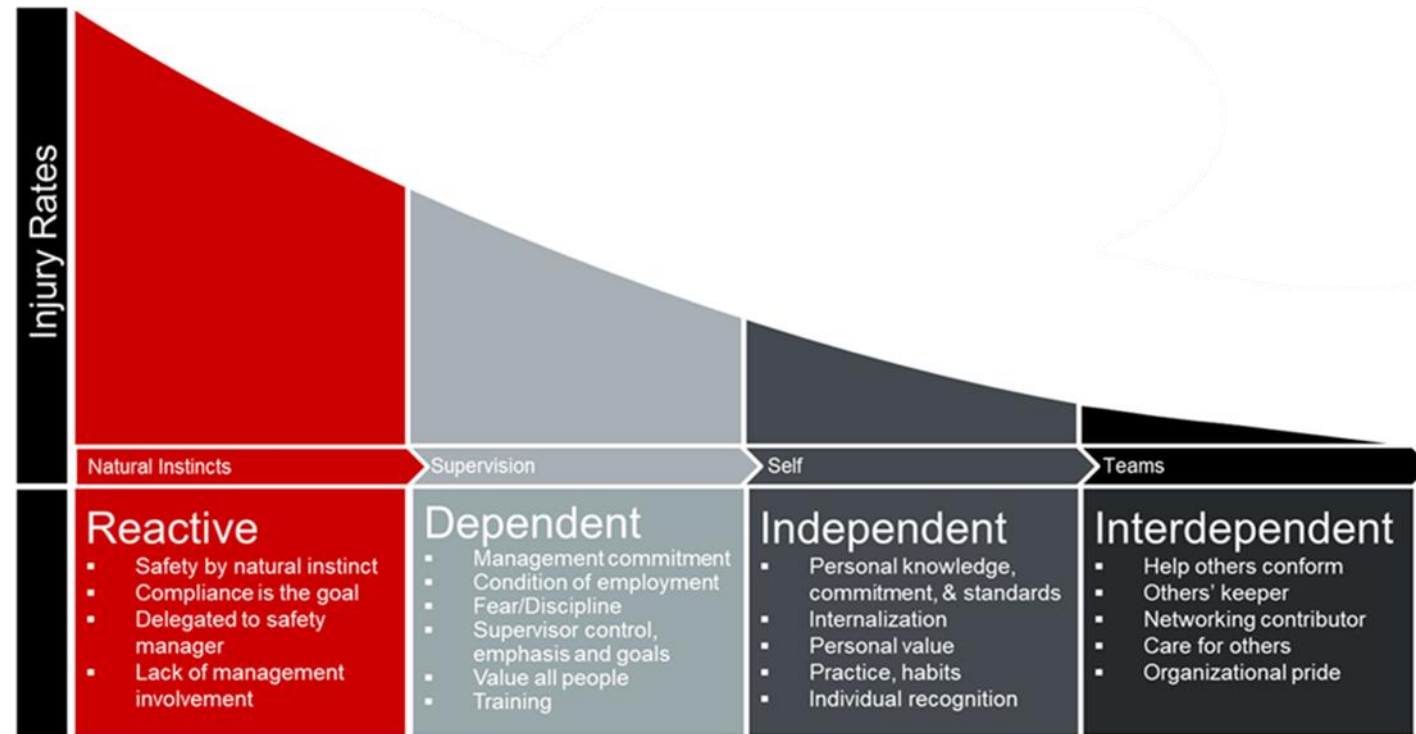
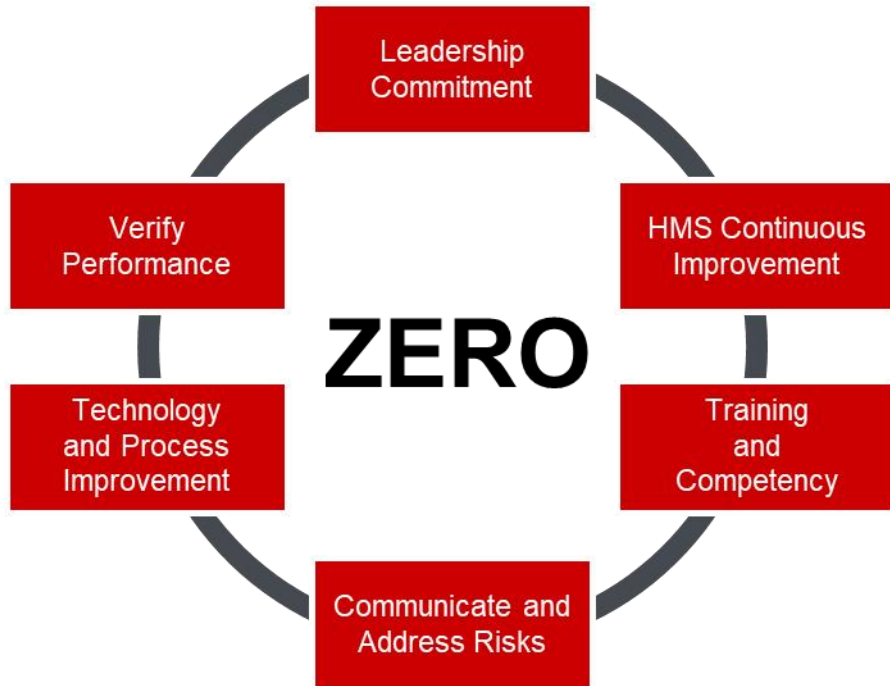
Halliburton Completion Technology and Manufacturing Center



HSE and Service Quality

Health, Safety, Environment and Service Quality

THE JOURNEY TO ZERO

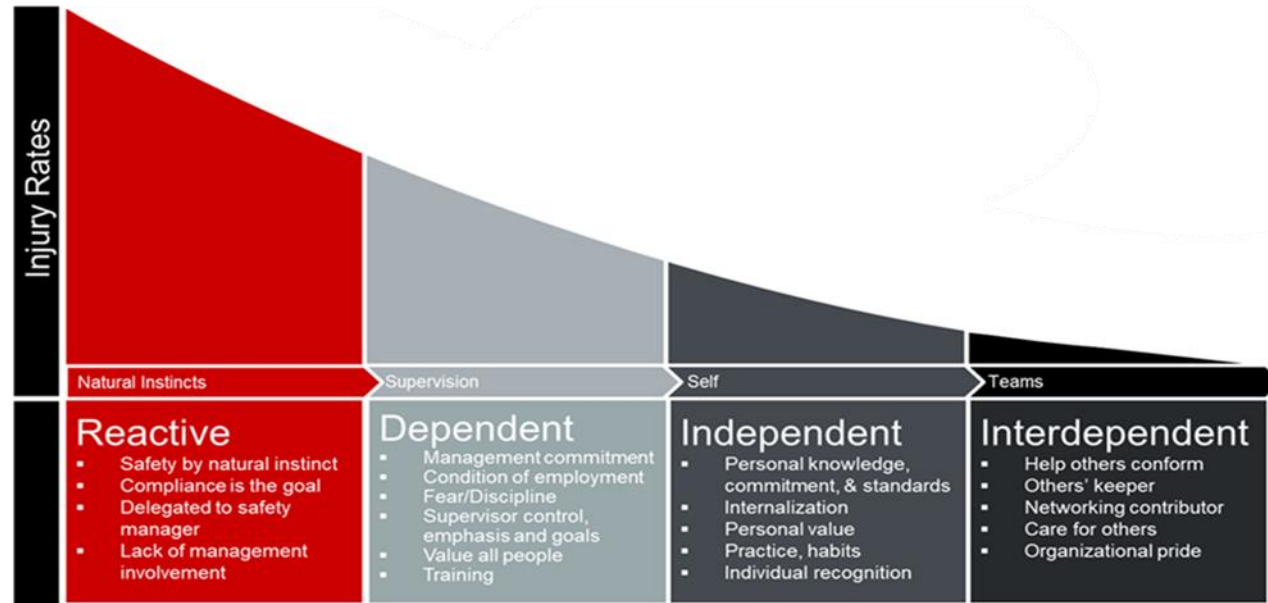


The DuPont™ Bradley Curve™

Health, Safety, Environment and Service Quality

THE JOURNEY TO ZERO

THE DUPONT™
BRADLY
CURVE™



Every Employee Engaged Everyday (E4)



Hoshin A3 Team



HSE Program Ownership (HPO)

NINETEEN HSE ELEMENTS



Incident Investigation



Hazard Observation



Employee Engagement



Halliburton Mgmt. System



A3 Team



Collaboration



Mgmt. of Change



Risk Assessment



Communication



HSE Program Ownership



Incident Reporting



Lesson Learned



HSE Leader committee



Contractor Management



Behavior Based Program



Culture Survey



Hazard Recognition



Tiered Assurance Program



Recognition

HSE COMMITTEE(S)

Emergency Response Preparedness
Observation and Tier 1
Ergonomics & Wellness
Environmental | Bus
HSE Leadership



30+ Powered Industry Trucks

144 Licensed PIT Drivers

4,800 Pallets

6 Locations

Warehouse
Safety Wins

Forklift Safety Improvement

Common Forklift Hazards



Blind Spots



Load Management



**Maneuvering and
Speed**

Forklift Safety Improvement — Reducing Risks



Forklift Safety Improvement

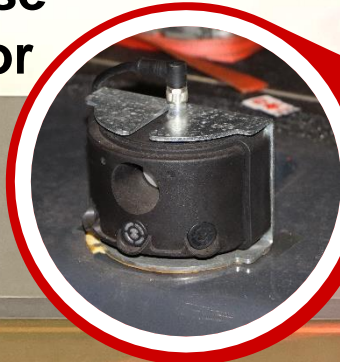
Camera
Forklift Driver



3x Mirror
Camera
Load



Reverse
Sensor



Accu-Tilt Forklift Tilt
Level Indicator



Interlock
Seat Belt



Speedometer



Forklift Safety — Continuous Improvement

Implemented Functions:

- Convex Mirror
- Camera
- Reverse Sensor
- Interlock Seat Belt
- Accu Tilt - Fork Level Indicator
- Meter



**Display
Range Finder**

**In Research:
Range Finder**



**Sensor Box
Range Finder**

Yellow Jacket Orbital Stretch Pallet Wrapper

Before

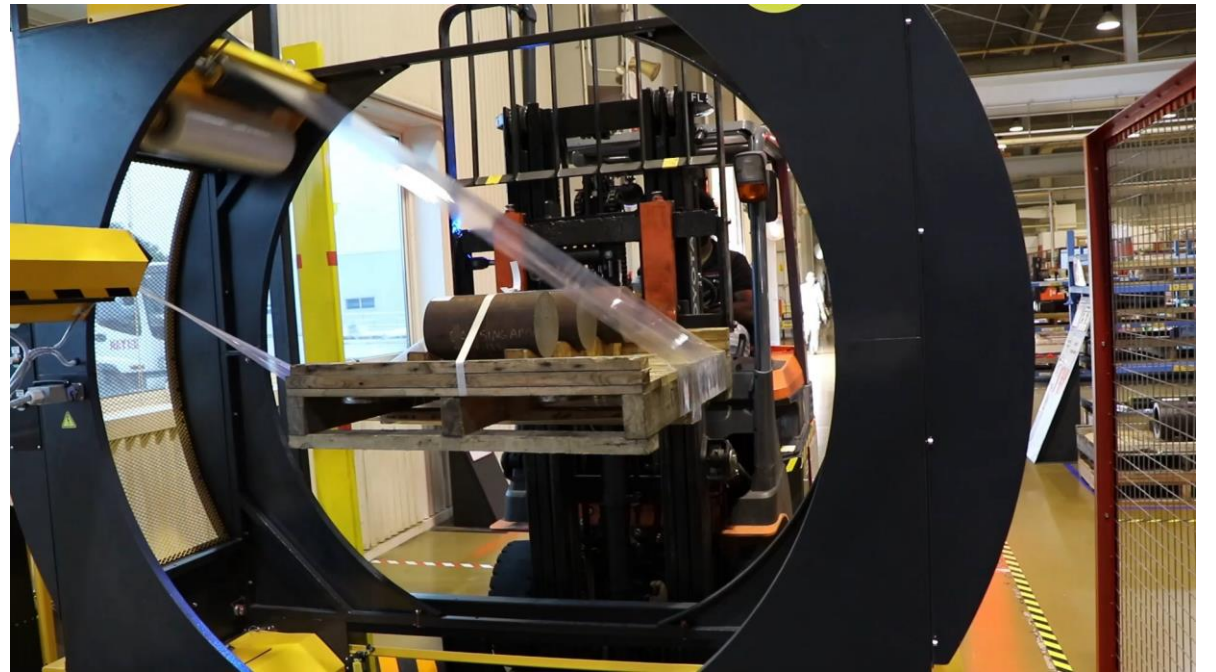


**SAFETY
ASSESSMENT**

3 STAFF
REQUIRED

8 REBA
SCORE

After



**SAFETY
ASSESSMENT**

1 STAFF
REQUIRED

3 REBA
SCORE



THANK YOU