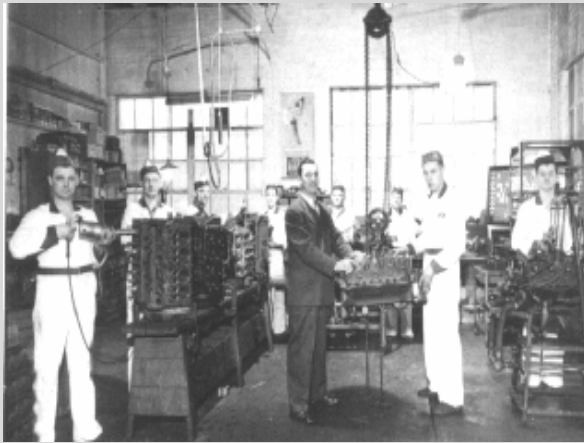


About JASPER



Alvin C. Ruxer
Founder of Jasper
Engines & Transmissions





1942 - JASPER was founded



1957 - Began remanufacturing light transmissions

1959 - Indiana Tool & Die acquired





1967- Began remanufacturing diesel engines.



1976 - Began remanufacturing differentials.





1987 - New ownership (Bawel/Schwenk Family), commitment to improve **Safety**, Quality, Productivity, and Customer Service



1987
Jasper Electric Motors
Jasper Marine



1989
Jasper Performance
Products



1994
Alternative Fuels






1999 - Completion of core processing and distribution center in Crawford County




2004 - Willow Springs facility acquired








2009
Jasper Innovative
Solutions Acquired



2010
Jasper Innovative
Solutions Acquired Canam



2010 - JASPER became 100% Associate Owned



Weller Truck Parts



2014 - JASPER merged with Weller Truck Parts in Grand Rapids, MI.
WELLER employs over 800 Associates and has 24 store locations.



JASPER Branch Locations



JASPER's VPP Road Traveled

- Jasper reviewed the requirements for VPP and started the application process in 2006.
- Jasper continued to evaluate our current safety and health programs and make needed changes/updates.
- Jasper's application was approved and went through the full audit in May of 2007.
- Jasper location became "Merit" level VPP in 2008. Ceremony was held where the commissioner of Labor (Lori Torres) and other OSHA management officials presented the flag to the Jasper Associates.
- Jasper continued to grow the VPP safety management systems/culture into our other facilities. Jasper's Crawford location then applied for the VPP program in 2009 and also earned the "Merit" Level.
- Jasper sent a representative to become a SGE "special government employee" in 2010. This allows Jasper to share best practices, audit other facilities, and continually improve our safety management systems.
- Jasper became a "STAR" level VPP site in 2/20/11.
- Crawford became a STAR site in 2012 and became a 5 year STAR in 2015



Improvements

- **JUMP Goals (Job Rotation/ 50# lifts/ JSA)**
- JSA Visuals
- New Facility- Power Drive
- **Work Conditioning Program Expanded**
- Standardized Work
- Buds Program
- **Jasper Production System (JPS) Lean Manufacturing**
- Noise Reduction Program
- Hot Work Permits
- Workshops
- Ergonomic Audits
- New Team (expanding)
- **DOJO**

Management Commitment and Associate Involvement – Using cross functional teams and Associate safety continuous improvements to solve safety and health challenges.

Noise Reduction... How it Began

Associates Responsible for Less Noise



What the Associates did to reduce noise Levels

- Measured various pieces of equipment in Transmission Division
- Conducted a series of eight-hour exposure readings
- Worked with Department of Labor to learn more about health hazards (I.H.)



Soda Blaster's

Soda Blaster's



Management Commitment

“The 48 Hour Challenge”

Areas of Focus:

Transmission

ITD

Gas

Diesel

Scope of the Challenge

- Reviewing the utilization of air nozzles on the output side of the pass through washers
- Standardizing air nozzles as a best practice
- Review additional factors contributing to the overall noise (unwanted sound) level exposure

Standards

- 90 day trial period
- 100 dB spike
- New Equipment/Moving Equipment
- Accountability regarding noise reduction efforts

Air Nozzle's



Before



Currently

Dust Collector Project

- JASPER intended to decrease overall production noise 50%
- Eleven dust collectors were located inside the Jasper Facility.
- The goal was to relocate seven units outside



Dust Collector Project



The collectors were replaced with three larger units on the north of our building, and two on the south side.

Grinder's



New Cap Grinder

UHMW Seal Driver's



OLD
Driver

Parts Carts Lined with UHMW



Parts Washer Air Exhaust



UHMW Insert Driver



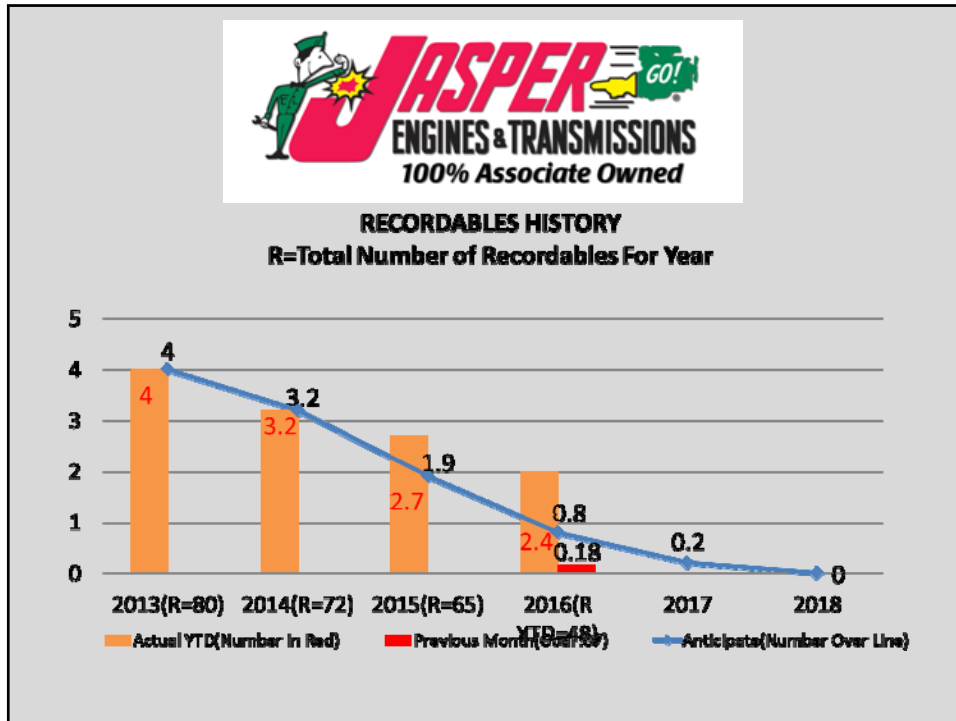
Crank Cart

Cranks were delivered via a metal cart,
with this new system the delivery is
virtually noiseless



Associate Involvement

- Work conditioning



Other Benefits of the VPP program

*Becoming a SGE (Special Government Employee)

*Mentoring other facilities

Questions??