

# Kattula Holdings: Manufacturing Capabilities



**KH**

*"Quality first, where it matters most"*

# What is Kattula Holdings?

Kattula Holdings (KH) acquires & manages precision manufacturing operations, primarily in North America. Currently under our portfolio, the operations manufacture Springs, Gears, Custom Machined Products, Consumables & Artificial Lift Tools. All of our operations are “owner managed” on a daily basis!

The logo consists of the letters 'KH' in a bold, italicized, dark blue sans-serif font.

# Kattula Holdings: Locations



MI



**KATTULA HOLDINGS**  
A BUSINESS INVESTMENT GROUP



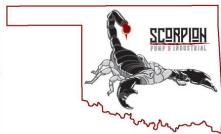
OH



WI



OK



TX



# KH



# Products: Springs



- Wire Forms
- Compression Spring
- Torsion Springs
- Drag Springs
- Extension Springs
- Garter Springs
- Clips
- Rings
- Washers

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Clips & Flat Springs



Drag Springs



Compression, Extension & Torsion

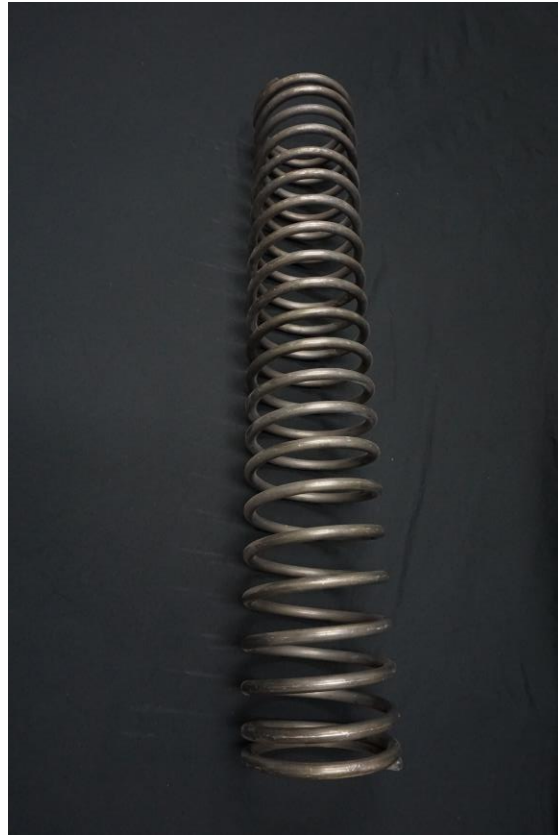


Wire Forms



# Products: Springs

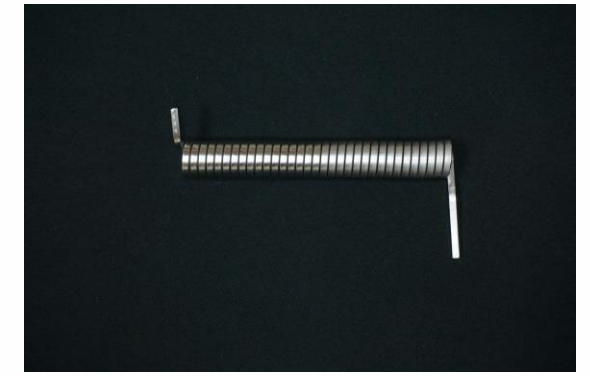
- Power Springs
- Flow Lines
- Control Lines
- Cable Retainers
- Lock Springs
- Alignment Rods
- Equalizers
- Coiled Tubings
- Centralizers



Power Spring



Equalizer



Square Wire Torsion Spring



Alignment Rod



Square Wire Extension Spring

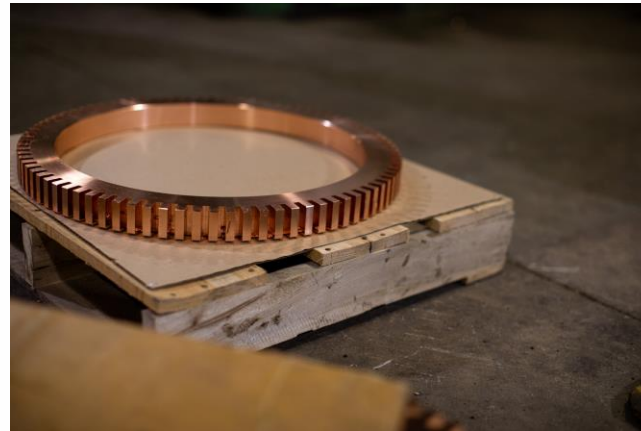
# KH

# Products: Gears

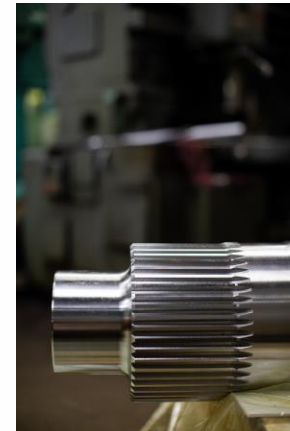


- Internal Gears
- External Gears
- Spur Gears
- Helical Gears
- Worm Gears
- Bevel Gears
- Pinion Gears
- Herringbone Gears
- Crown Gears
- Spline Shafts
  - Straight Sided & Involute

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End Ring Rotor (External Teeth)



Straight Spline Shaft



Involute Spline Shaft



Internal Gear



Spur Gear



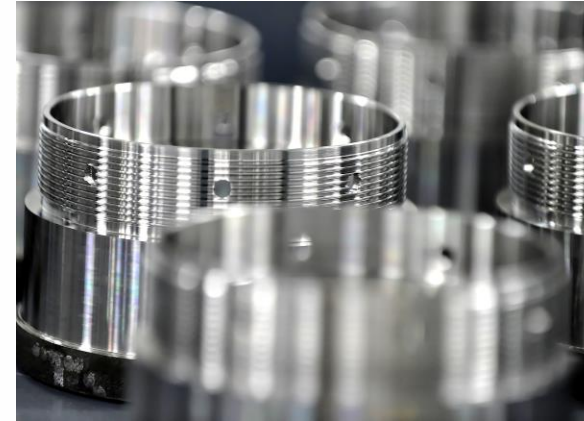
# Products: Machining

- Frac Plugs
- Specialty Machined Parts & Assemblies
- Turnkey Machining
- Fittings & Fasteners
- Drill Pipe
  - CNC repair & refit including:
    - Heavy Wall
    - Tubing
    - Collars
    - Subs
- Flight & Satellite Hardware
  - Structural
  - Propulsion
  - Pneumatic
  - Hydraulic
  - Fly Control
- Reamers
  - Fixed & Hydraulic

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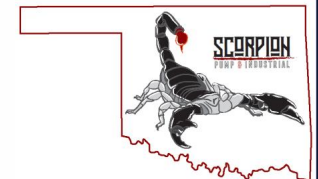
Rocket Bar



Coupling



Drill Pipe Refit



# Products: Artificial Lift Tools



- B2 Style Anchor Catchers
  - 4.5" – 7.625"
- AD1 Tension Packer Component
  - 4.5" – 7"
- Custom Fishing Tools
- Tool Branding
- Subsurface Rod Pump Parts
  - Hard Lined Cages
    - 1.25" – 6.25"

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4.5" B2



5.5" B2



7" B2



# Products: Industrial Suppliers

- Abrasives
- Cutting Tools
- Air Tools
- Power Tools
- Gages
- Precision Tools
- Hand Tools
- Lubricants
- Cleaners



Abrasives



Cutting Tools



Foil Tape



Spot Drill



Dial Gauges

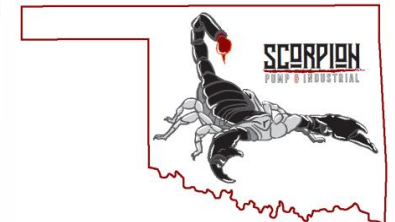


Lubricants



Precision Vises

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# Equipment Capabilities: Springs



- Wire Forming
  - 0.010" - .625"
- Flat Forming
  - 0.008" – 0.198"
- Tubing Bends
  - 0.125"-0.375"
- Orbital Welding
  - 0.250" – 0.375"
- Flat Stock Width
  - 0.062 – 2.50"

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# Equipment Capabilities: Machining



- CNC Turning
  - 31.8" DIA X 30' L
- CMM Inspection
  - 118.11" L x 47.24" W x 39.37" H
- Saws
  - Up to 13" Round Diameter
  - Up to 16" Square Diameter
- Lathes
  - Chuck Size 10" – 32"
  - 6.5 Diameter Spindle Tube
  - Between Centers Up To 85"
  - Max Swing Over Bed Up To 38.2"
  - Max Swing Over Cross Slide 34.5"
  - Horsepower 25hp – 50hp
  - Steady Rest
  - Concentricity Hydraulic Chucks 24" – 27"
- 5-Axis Milling & Turning
  - 165" x 36"
  - Max Table Load: 12Klbs.
  - Max RPM: 18,000
- Wire EDM
  - Up to X-23.62"
  - Up to Y – 15.75"
  - Up to Z – 10.63"
  - U/V Travel 3.15" X 3.15"
- Mills
  - 30hp
  - Taper 40/50
  - Up to X Axis 50"
  - Up to Y Axis 20"
  - Up to Z Axis 25"
- Welding
  - MIG
  - TIG
  - Hard Surface Brazing
  - Hard - Banding



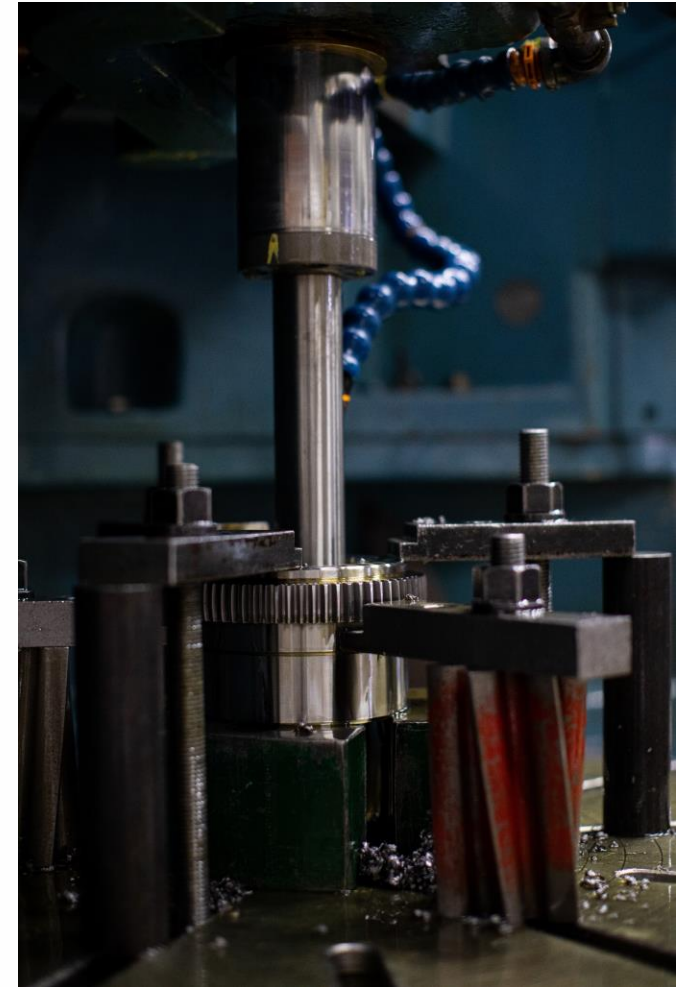
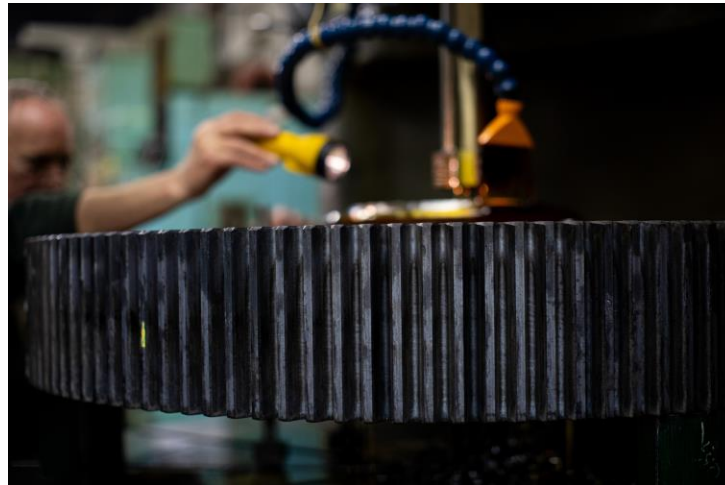
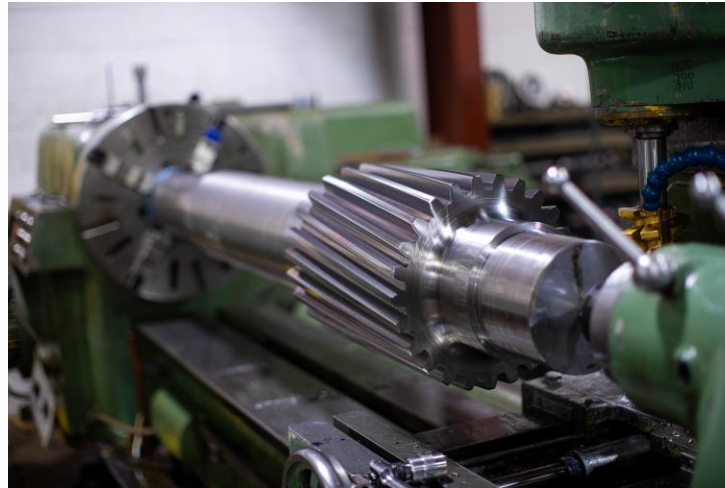
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# Equipment Capabilities: Gears

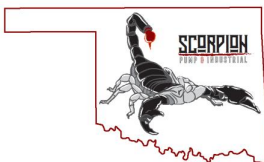


- External, Helical & Worm Gears
  - 88" Max OD 20" Face 1 Diametral Pitch
- Internal Gears
  - 88" Max PD 16" Face 1.5 Diametral Pitch
- Thread Milling
  - 10" Max OD 48" Face 2 Diametral Pitch
- Spline Shafts
  - 18" Max OD 168" Face 2 Diametral Pitch
- Gear Racks
  - 4" Face 48" Long 4 Diametral Pitch
- Keyways
  - 2.25" Wide x 24" Long
- Broaching
  - 50 Ton Pulldown 100" Tool Length
- Gear Inspection
  - to 100" Diameter

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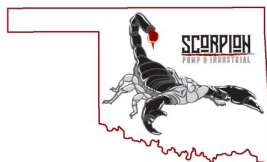






# Material Knowledge: Exotic

Material	Forms				
	Wire	Bar	Tube	Strip	Sheet
Elgiloy	X			X	X
MP35N	X	X		X	X
Titanium Beta C	X	X			X
Inconel 600 Series	X		X	X	X
Inconel 718	X	X	X	X	X
Inconel X-750	X	X	X	X	X
Inconel 925		X	X		
Monel 400	X	X			X
Monel 500	X	X			X
Hastelloy C-276	X	X	X		
Phosphor Bronze	X	X	X		X
Beryllium Copper	X	X	X		X
Tough Met		X	X		X
P550 Non-Mag		X			X



# Material Knowledge: Basic

Material	Forms				
	Wire	Bar	Tube	Strip	Sheet
Music Wire	x				
Chrome Silicon	x				
Oil Tempered	x	x			
300 Series Stainless Steel	x	x	x	x	x
400 Series Stainless Steel		x	x	x	x
13-8 Stainless Steel		x	x		x
15-3 Stainless Steel		x	x		x
17-4 Stainless Steel		x	x	x	x
17-7 Stainless Steel	x			x	x
4000 Series Carbon Steel		x	x		x
8620 Carbon Steel		x	x		x
9310 Carbon Steel		x	x		x
Tool Steels		x	x		x
Grey Cast Iron		x	x		x
Ductile Iron		x	x		x
Bronze		x	x		x
Copper		x	x		x
Brass		x	x		x
Aluminum Bronze		x	x		x
Aluminum		x	x		x

# Material Finishes

- Finish Coatings
- Shot Peen
- NDA
- Black Oxide
- Passivation
- Welding
- Hard Banding
- Mag Particle Inspection
- Magnesium Finish
- Heat Treating
- Flame Sprays
- Zinc Phosphate
- Nickel Plating

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# Value Added Services

- Rapid Responses
- Expedited Services
- Reverse Engineering
- Custom Stocking Programs
- On Site Troubleshooting
- Turnkey Service
- Product Improvement Suggestions
- Detailed Inspection Reports
- 3D Cad Modeling
- Prototyping
- Same Day Drop Off/Shipment

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# Quality Certifications

**intertek**  
Total Quality Assurance

## CERTIFICATE OF REGISTRATION

This is to certify that the management system of:  
**J & J Spring Enterprises, LLC**  
Main Site: 14100 23 Mile Road, Shelby Township, Michigan, 48315, USA

Has been audited and registered by Intertek as meeting the requirements of the standards:  
**AS9100:D and ISO 9001:2015**

The management system is applicable to:  
Scope: Manufacture of mechanical springs, clips, stampings, wire forms and washers

Certificate Number: AS-1095-05  
Initial Certification Date: 15 March 2020  
Certificate Issue Date: 15 March 2020  
Certificate Release Date: 15 March 2020  
Certificate Expiry Date: 14 March 2022

**ANAB**  
ACCREDITED  
MANAGEMENT SYSTEMS  
CERTIFICATION BODY

**Intertek**  
C. J. Mouldovan  
President, Business Assurance  
Intertek Testing Services NA, Inc. dba Intertek  
4700 Broadway Avenue S.E.  
Kennesaw, GA, USA

The assessment was performed in accordance with the requirements of ISO 9001:2015. Intertek is accredited under the American Register Management Program and AS9100:D where applicable. The validity of this certificate, unless otherwise stated, is subject to the terms and conditions of the agreement with the client and the client's compliance with the requirements of the standard. The certificate is valid only for the activities described in the scope of the certificate. The certificate is the property of Intertek, Inc. and shall not be used for any other purpose.

ISO 9001:2015 and AS9100:D

J&J Spring: ISO 9001 & AS9100 D

**DNV-GL**

## MANAGEMENT SYSTEM CERTIFICATE

Certificate No.: 131208-0013-001-USA-ANAB  
Initial certification date: 14 December 2020  
Valid: 14 December 2018 - 14 December 2021

This is to certify that the management system of  
**Custom Spring Mfg. LLC**  
17020 Seven Pines Drive, Spring, Texas, 77379, USA

has been found to conform to the Quality Management System standard:  
**ISO 9001:2015**

This certificate is valid for the following scope:  
**Manufacture of Oilfield Springs, Washers and Tubing**

Place and date:  
Katy, TX, 05 September, 2018

**ANAB**  
ACCREDITED  
MANAGEMENT SYSTEMS  
CERTIFICATION BODY

For the issuing office:  
DNV GL - Business Assurance  
1400 Ravenna Drive, Katy, TX, 77440-6164, USA

John C. Breden  
Management Representative

Link of fulfillment of conditions as set out in the Certification Agreement may render this Certificate invalid.  
ACCREDITED UNIT: 131208-0013-001-USA-ANAB, 1400 Ravenna Drive, Katy, TX 77440-6164, USA. Tel: 281-299-1000, email: contact@dnvgl.com

Custom Spring: ISO 9001

**Verisys Registrars®**  
Helpful Auditing

## Certificate of Registration

The Management System of  
**Butler Gear Enterprises LLC**  
12819 West Silver Spring Road Butler, Wisconsin 53007 USA

has been assessed and certified by Verisys Registrars as meeting the requirements of  
**ISO 9001:2015**  
for the following scope of registration:  
Manufacturer of standard, metric and special form gears.

Certificate Number: B010906

Original Approval: 4/1/2001  
Certificate Issued: 2/26/2018  
Certificate Expires: 3/25/2021

The use of this certification mark indicates accreditation in respect to those activities covered by registration Certificate Number: B010906

On behalf of Verisys Registrars - Rick Breden, President

This certificate is valid only if the company maintains its management system to the required standard and to conditions and schedules established by Verisys Registrars. In issuing this certificate Verisys Registrars assumes no liability to any party.

## Butler Gear: ISO 9001

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MANAGEMENT SYSTEMS  
CERTIFICATION BODY

**IAF**  
ACCREDITED

Certificate Number: **AS 0126**

Structure: **Single Site**

Date First Registered: **3 May 2016**

Date Certificate Issued: **3 May 2019**

Date Certificate Expires: **2 May 2022**

World Certification Services Ltd  
Station Cross, Chesham Road,  
Aintree, Liverpool, L9 5AA,  
United Kingdom

RBR Machine: ISO 9001 & AS9100 D

**WCS**  
WORLD CERTIFICATION SERVICES

## CERTIFICATE OF REGISTRATION

This Certificate has been awarded to:  
**RBR Machine**  
6327 North Sam Houston Pkwy W.  
Houston, TX 77086  
USA

In recognition of the Organization's Management System which conforms with:  
**ISO 9001:2015 & AS 9100D**  
Assessment has been performed in accordance with the requirements of AS91041:2012-01

For the scope of activities described below:  
**Custom Machining Services.**

This Certificate has been awarded by  
**WORLD CERTIFICATION SERVICES LTD.**

Authorised by: **G. Slocombe**  
Grant Slocombe - Operations Director

Reissue date: **3 May 2019**  
Revision: 4

World Certification Services Ltd is ANAB Accredited under the Aerospace ISO 9001 Scheme within the control of the American Registration Management Committee. ANAB Accreditation Certificate Number: MSC-1900110

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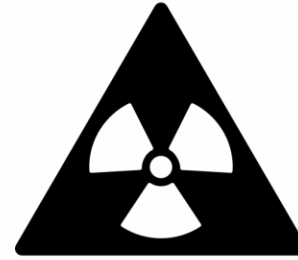
# Industries Served



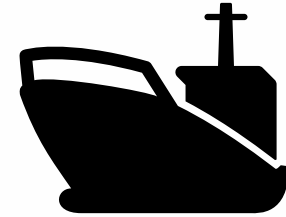
Oil & Gas



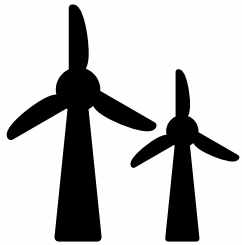
Mining



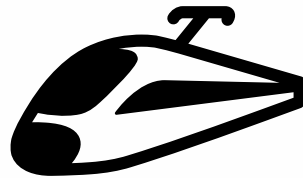
Nuclear



Marine



Solar & Wind  
Energy



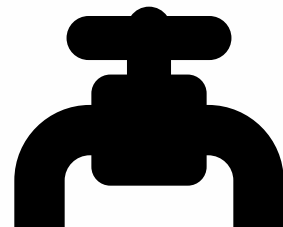
Transportation



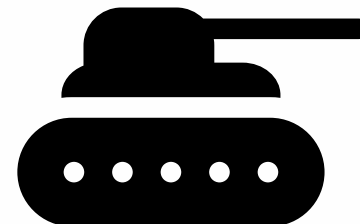
Aerospace



Automotive



Valve



Military



Agricultural

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# Notable Customers

\* Our additional Fortune 500 Customers cannot be shared due to NDA restrictions\*



HALLIBURTON



KOMATSU



Weatherford®

**KH**

**Schlumberger**

GENERAL DYNAMICS

# Purpose

“Create a safe, healthy & positive work environment where our team members have the opportunity to achieve their own success and become a better version of themselves. We intend to add value to the lives of our team’s members, supply chain & customers”

# Vision

Kattula Holdings envisions itself increasing revenues by 100% in 2025. To achieve this, we will adhere to our Mission Statement which is driven by our Core Values & Roles & Responsibilities, individually performed at the highest level of quality in production and customer service.

# Mission Statement

Provide our customers “Quality first, where it matters most”. We persistently provide our customers with everything they’re expecting and a little bit more!

# Core Values

Our Customer Commandments  
Our Non – Negotiables  
Effective Communication

# Roles & Responsibilities

Specified by position & performed at the highest level



“Our Purpose creates our Vision motivating us to achieve our Mission Statement which is driven by our Core Values and individual Roles & Responsibilities” – Andrew Kattula

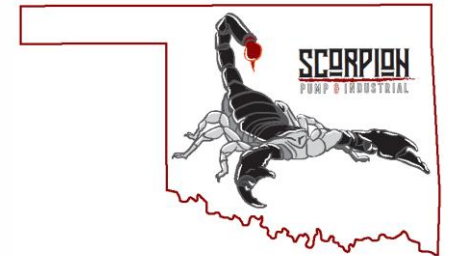


## Why choose us ?

- Organizational structures allows our teams to perform rapid responses to your needs!
- Rebate Programs to reduce your cost!
- Customer Stocking Programs to avoid upsetting lead times!
- On-site Engineering Expertise to resolve frustrating product issues quickly!

***KH***

# Thank you for your time with Kattula Holdings!



# ***KH***

*"Quality first, where it matters most"*