



# Tribal History with Metallic Fittings

- January 2005 – Present processed over 200,000,000 pounds of brass; over 1 billion total parts
- Long history of reliable, quality parts – inline and secondary vision inspection available
- On-staff design engineering department
- Tribal manufactures product from C36000, C69300 (no-lead & DZR), exotic brass alloys, Aluminum, 12L14 Steel, Stainless, Plastic and more
- The most qualified and experienced machine operators supported by an experienced staff of supervisors; average operator has 20+ years experience
- Multiple locations to serve the USA and strategically positioned near raw material supply
- Broad Range and extensive list of equipment and secondary to handle:
  - Assemblies
  - Packaging
  - Plated parts

# Tribal Overview

- **History.** Family owned, factory in Marshall, MI since 1933
- **Location.** We are close to our brass suppliers, cutting down on logistics costs.
- **Size.** We occupy approximately 145,000 sq. ft., making us one of the larger machining companies in the country.
- **Diverse.** Wide array of machining capabilities making us extremely diverse and able to meet any of your manufacturing needs.



# Tribal Chesnee

- **History.**
- Operations began in 1988, Tribal purchased from WATTS in September 2015
- **Location.** Chesnee, South Carolina
- **Size.** We occupy approximately 110,000 sq. ft.
- **Packaging.** Highly automated packaging capabilities for custom packaging needs and private label programs.





# Tribal Advantages

- Strong commitment to quality
- Certified ISO 9001:2015
- Top supplier of Brass fittings
- Both plants NSF listed
- Maintains large inventories
- High fill rates
- Manufacturing Model
  - High Production Lot Sizes and stocking programs
  - Operators responsible for quality checks at each station (dimensional and appearance)
  - Proactive on-floor supervisors



# Tribal Overview

## Capabilities

- Vast experience with complex parts and assemblies
- Rotary Transfer
- Automated Chip Handling
- Automated Cleaning
- Automated Secondary
- Precision threaded parts
- Wide array of packaging capabilities, including end user packaging.

## Listings & Certifications

- NSF
- CSA
- U.L.
- ISO 9001:2015

## Size ranges

- 1/8" to 3" and larger for milling
- Bar
- In-House family tooling
- Material Certs and Vision Inspection and Pick Capable

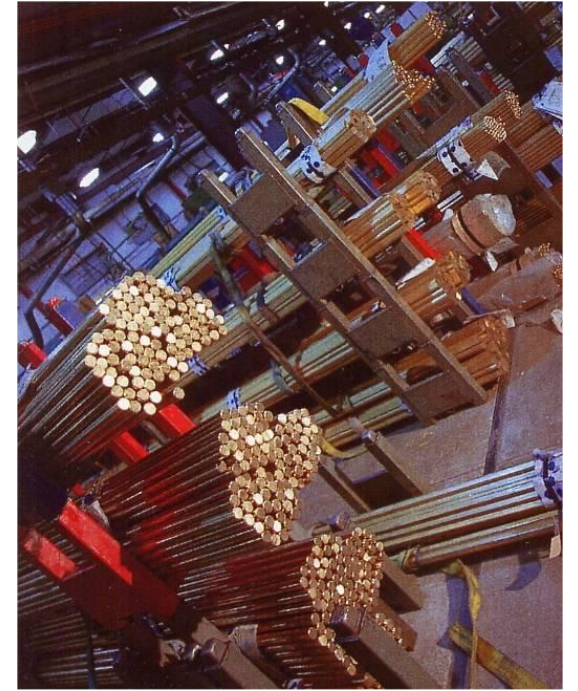




# Tribal Diversity

## Equipment List

- 16 Rotary Transfer with 4 trunnion
- 50+ Acme Machines (3/4"-25/8")
- 80+ Davenports
- 20+ New Britain Machines
- 15+ Large Diameter CNC Lathes
- 5+ Mills with 5 axis capability
- Brown & Sharpes
- Secondary & Specialty
- Mills
- Variety of Hydromats some with EPIC heads



# Tribal Quality

## Quality Control Focus

- Serves large international corporations worldwide
- Experience with exacting specifications (ASTM, UL, NSF, CSA, UP Code, etc.)
- UL Listed Products
- NSF Certified Products, including NSF-pw G, Annex-G (no-lead compliance)
- Full software driven SPC capabilities
- Gages controlled by gage track software system
- Full process control plans per part number
- 1.33 Cpk inspection maintained on critical characteristics
- Receiving and in-process final audits are completed on a daily basis
- Keyence/Micro Vu optical measuring devices - complete measurement of parts in seconds!



**GAGEtrak**<sup>®</sup>  
Calibration Management Software  
by CyberMetrics

 **KEYENCE**

**MICRO•VU**



# Tribal Quality Cont.

## Quality Facts

- Control Plans are used for all parts machined
  - Control Plan includes all characteristics and the control method along with a sample size to measure
- First articles completed before machine is approved to run
- In Process Inspections are completed hourly
- Final Inspections are done on each machine daily
- Advanced quality equipment to increase speed and accuracy of critical quality checks



# Tribal Quality Update

- ISO registered since 2001
- Successful upgrade to ISO 9001:2015
- Since initial audit in 2000 there has never been a Major nonconformance





## CERTIFICATE OF REGISTRATION

This is to certify that the management system of:

### Tribal Manufacturing, Inc.

Main Site: 450 Leggett Road, Marshall, Michigan, 49068-9555, USA

See appendix for additional sites and additional site scopes  
has been registered by Intertek as conforming to the requirements of:

### ISO 9001:2015

The management system is applicable to:

Overall Scope: Manufacturing of brass and steel fittings, components, and assemblies for plumbing, commercial, and industrial applications.

Certificate Number:  
US-2948d

Initial Certification Date:  
01 March 2001

Date of Certification Decision:  
27 February 2025

Issuing Date:  
27 February 2025

Valid Until:  
28 February 2028




*Rathin Grover*

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President, Business Assurance

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In the issuance of this certificate, Intertek assumes no liability to any party other than to the Client, and then only in accordance with the agreed upon Certification Agreement. This certificate's validity is subject to the organization maintaining their system in accordance with Intertek's requirements for systems certification. Validity may be confirmed via email at [certificate.validation@intertek.com](mailto:certificate.validation@intertek.com) or by scanning the code to the right with a smartphone. The certificate remains the property of Intertek, to whom it must be returned upon request.



Page 1 of 2



## CERTIFICATE OF REGISTRATION

### APPENDIX

This appendix identifies the locations covered by the management system of:

### Tribal Manufacturing, Inc.

This appendix is linked to the Main Certificate # US-2948d and cannot be shown nor reproduced without it.

#### Tribal Manufacturing, Inc.

450 Leggett Road, Marshall, Michigan, 49068-9555, USA

Manufacturing of brass and steel fittings, components, and assemblies for plumbing, commercial, and industrial applications.

#### Tribal Manufacturing

815 North Picens Street, Chesnee, South Carolina, 29323, United States

Manufacturing of brass and steel fittings, components, and assemblies for plumbing, commercial, and industrial applications.

In the issuance of this certificate, Intertek assumes no liability to any party other than to the Client, and then only in accordance with the agreed upon Certification Agreement. This certificate's validity is subject to the organization maintaining their system in accordance with Intertek's requirements for systems certification. Validity may be confirmed via email at [certificate.validation@intertek.com](mailto:certificate.validation@intertek.com) or by scanning the code to the right with a smartphone. The certificate remains the property of Intertek, to whom it must be returned upon request.



Page 2 of 2

## Tribal Packaging Capabilities:

- Extensive list of packaging/labeling equipment
  - Autobagging units
  - Sprint sidesseal and zip pack capability
  - PC controlled for accuracy and flexibility
  - Capacity to package 125,000 bags/day
  - Ability to customize packaging based on customer requirements with in-house printing

