

# CUSTOM METAL FITTINGS INSPECTION CHECKLIST

## GENERAL INFORMATION

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Location: \_\_\_\_\_

## Material Quality

- Yes  No — Metal type matches required specifications (steel, aluminum, etc.)
- Yes  No — Surfaces are free from cracks, pitting, or defects
- Yes  No — No signs of rust, corrosion, or contamination

## Fabrication & Dimensions

- Yes  No — Dimensions and tolerances meet design requirements
- Yes  No — Edges are smooth and free from sharp burrs
- Yes  No — Welded or machined areas are clean and structurally sound

## Threads & Fastening Features

- Yes  No — Threaded sections are cut cleanly and free of damage
- Yes  No — Bolts, nuts, or fasteners fit securely and correctly
- Yes  No — Thread engagement is full and proper

## Coating & Finishing

- Yes  No — Protective coatings (plating, paint, powder coating) are applied evenly
- Yes  No — No peeling, blistering, or uneven application present
- Yes  No — Surface finish meets project requirements

## Load & Performance Testing

- Yes  No — Fittings pass required load or stress tests
- Yes  No — No deformation or cracking observed under stress
- Yes  No — Performance matches intended design function

## Installation & Compatibility

- Yes  No — Fittings align properly with connected parts
- Yes  No — Holes, slots, or connectors match specifications
- Yes  No — Fittings are compatible with designated system or equipment

## FINAL NOTES

Inspector Comments:

---

---

---

---

**Inspector Name:** \_\_\_\_\_

**Inspector Email:** \_\_\_\_\_

**Inspection Date:** \_\_\_\_\_

I confirm this inspection was completed accurately

**Powered by:**  **FIELD EAGLE** [www.fieldeagle.com](http://www.fieldeagle.com)