

01/25/23

Blanket Statement of Certification and Declaration of Conformance and Exemptions

The following serves as a Blanket Statement for Certifications, Declaration of Conformances and Exemptions pertaining to Mueller Brass Company and its brass rod products. For additional inquiries or documentation, please visit www.muellerbrass.com or contact Mueller Brass Company's Customer Service or Territory Representative:

Brass Rod and Copper Bar Product Standards, Declarations and Conformances

- Mueller Brass Company's brass and copper rod products are produced in accordance to the applicable ASTM Specifications for individual alloys, unless otherwise specified by the customer (see Table 1).
- Cast and Turned Products are manufactured in compliance with applicable ASTM Standards for chemistry. However, there are no mechanical properties requirements (i.e. hardness, tensile, yield, etc.) for this product segment.
- All Mueller Brass Company's brass rod and cast and turned products are declared to be free from:
 - Ammonia
 - Asbestos
 - Mercury
 - PCB's
 - Chlorides and Sulfides
 - Ozone Depleting Chemicals
 - Phthalates
- Heat treatment (stress relieving) and mercurous nitrate testing services are performed in accordance with ASTM B249 and ASTM B154 respectively as specified or by request.
- All Mueller Brass Company rod products are melted and manufactured in the USA (Country of Origin: USA)

Quality Registrations and Certifications

- Mueller Brass Company's manufacturing location in Port Huron, MI is registered and certified to the **ISO 9001:2015 ANSI/ISO/ASQ Q9001-2015**.
- Mueller Brass Company's manufacturing location in Port Huron, MI is registered and certified to the **Pressure Equipment Directive (PED) Annex I, Paragraph 4.3 of 2014/68/EU or 97/23/EC 7/2**.
- Mueller Brass Company's laboratory at the Port Huron, MI facility is registered inclusively as **IATF 16949:2016** Certified through Mueller Impacts Company.
 - Laboratory testing capabilities utilized for testing and process control include:
 - X-Ray Fluorescence
 - Optical Emission
 - Tensile / Yield / Elongation
 - Rockwell Hardness
 - JOEL Scanning Electron Microscope (SEM)
 - Scope of Laboratory is available upon request.
- The **ISO 9001:2015**, **PED** and the **IATF 16949-2016** certificates are attached to this document for reference and serve to meet the requirement of being "*evaluated and selected based on our*

Mueller Brass Co.

Port Huron, MI

800.553.3336

www.muellerbrass.com

ability to supply product". Both certifications are also available for download via Mueller Brass Company's website.

- Currently, Mueller Brass Company does not intend to seek **ISO 14001-2015** implementation and registration. However, at the request of customers requesting registration or alignment with the **ISO 14001:2015** standard, Mueller Brass Company was assessed by an independent consultant and was found to be substantially compliant. The report confirming Mueller's self-declaration of conformity is available upon request.

Declaration of Industry Regulation Compliances and Exemptions

- **European Commission Directive 2002/95/EC – RoHS**
 - The rod and bar brass products produced by Mueller Brass Company are 'exempt' from this directive under Annex III Exemption 6 which lists copper alloys containing up to 4% lead.
- **European Commission Directive 2011/65/EC – RoHS 2**
 - The rod and bar brass products produced by Mueller Brass Company are 'exempt' from this directive under Annex III Exemption 6(c) – 6 which lists copper alloys containing up to 4% lead.
- **European Commission Directive 2015/863 – RoHS 3**
 - The rod and bar brass products produced by Mueller Brass Company are 'exempt' from this directive under Annex III Exemption 6(c) which lists copper alloys containing up to 4% lead.
- **Conflict Minerals**
 - Of the four listed metals, tin is used as an alloying element in some of the alloys produced. The tin is sourced from either post-industrial or post-consumer scrap.
- **Defense Federal Acquisition Regulations Supplement (DFARS)**
 - All brass rod and copper bar products are melted and produced in the USA (country of origin USA)
- **Registration, Evaluation, Authorization and Restriction of Chemicals (REACH)**
 - On January 17, 2023, the European Chemicals Agency (ECHA) updated the Candidate List of Substances of Very High Concern (SVHC) to include 233 substances. The brass alloy products produced by Mueller Brass Company contain >0.1% of lead in their chemical composition. No other SVHC's are found in the alloys produced.
 - All brass rod, copper bar and cast and turned products manufactured by Mueller Brass Company are free from:
 - Mercury / PCB's / Asbestos / Ammonia / Chlorides / Sulfides / Ozone Depleting Chemicals / Cadmium
- **Directive 2000/53/EC (End of Life Vehicles Directive)**
 - The brass rod and bars produced by Mueller Brass Company are exempt from this Directive under Annex II – Item 3 which excludes copper alloys containing up to 4% lead).
- **California Proposition 65**
 - On June 28, 2019, PCBTF (parachlorobenzotrifluoride) was added as a known chemical to cause cancer. This chemical is not found in the alloys produced.

- **EU Biocidal Products Regulation**
 - Mueller Brass products are not biocidal products and are therefore not subject to the EU Biocidal Products Regulation (Regulation (EU) 528/2012)
- **Persistent Organic Pollutants (POPs)**
 - Mueller Brass products do not contain organic pollutants nor PFAS and are therefore not subject to the Stockholm Convention Persistent Organic Pollutants Review Committee. Regulation issued 10/07/2020.

Table 1: Applicable ASTM Standards for specific brass alloys

Alloys	ASTM Standard (English & Metric)										SAE Standard
	B16	B21	B124	B138	B249	B283	B453	B455	B927	B981	J463
C27450			✓		✓	✓			✓		
C27451			✓		✓	✓			✓		
C27453					✓	✓					
C34000					✓		✓				
C34500					✓		✓				
C35000					✓		✓				
C35300					✓		✓				
C35330			✓		✓	✓	✓				
C36000	✓				✓						
C36300					✓					✓	
C36500			✓		✓	✓				✓	
C37000			✓		✓	✓				✓	
C37700			✓		✓	✓				✓	
C38500					✓			✓			
C48500		✓	✓		✓	✓					
C66800*					✓						
C67300											✓
C67600			✓	✓	✓	✓					

*C66800 is certified to a customer specific or an internal Mueller standard



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CERTIFICATE OF REGISTRATION



Having been audited in accordance with requirements of

ISO 9001:2015 – ASQ/ANSI/ISO 9001:2015

SRI Quality System Registrar, 300 Northpointe Circle, Seven Fields, Pennsylvania, 16046, USA,
Steel Related Industries Quality System Registrar, LTD, Alexandra House, Ballsbridge, Dublin 4, Ireland, EU
Steel Related Industries Quality Systems Registrar, Tower 42, Floor 5, 25 Old Broad Street, London, EC2N 1HN, UK
hereby grants to:


Mueller Industries Inc.

Registration of the management system at its location:

Mueller Brass Co.
2199 Lapeer Avenue, Port Huron, Michigan, 48060, USA

The conditions for maintaining this certificate of registration are set forth in the SRI registration agreements R20.3 and R20.4. Further clarifications regarding the scope of this certificate and the applicability of ISO 9001:2015 requirements may be obtained by consulting the organization.

Scope of ISO 9001:2015 registration: "Manufacture and supply of brass and copper products."
Initial SRI Registration date: April 1, 2008
Current registration period: November 13, 2021 through November 12, 2024

Signed for SRI: 
Christopher H. Lake, President & COO

Release Date: November 13, 2021
Certificate Number: 021995
Registration Number: 0947-02



CERTIFICATE OF CONFORMANCE



Steel Related Industries Quality System Registrar
300 Northpointe Circle, Seven Fields, Pennsylvania, 16046, USA
Alexandra House, Ballsbridge, Dublin 4, Ireland EU
Tower 42, Floor 5, 25 Old Broad Street, London, EC2N 1HN, UK

A legal entity within the United States, European Union (EU), and United Kingdom (UK) with competence demonstrated via ANAB and RvA accreditation as an ISO 9001 certification body with a scope of accreditation for the assessment of quality management systems of organizations which include the manufacture of materials and in the technology of the materials concerned, as specified in the scope below

-CERTIFIES-

Mueller Industries Inc.

at its location:

Mueller Brass Co.
2199 Lapeer Avenue, Port Huron, Michigan, 48060, USA

has implemented, operates and maintains a
Management System in accordance with the requirements of

Pressure Equipment Directive (PED)
Annex I, Paragraph 4.3 of 2014/68/EU

Scope of PED compliance: "Manufacture and supply of brass and copper products."

Signed for SRI:



Christopher H. Lake, President & COO

Date: November 13, 2021
Registration Number: 0947-02

Steel Related Industries Quality System Registrar, LTD and Steel Related Industries Quality Systems Registrar is a registered, duly licensed, operating "legal entity" in the EU and UK, and as such, is fully responsible for Management System Certificates bearing its U.S., Ireland, and London addresses for the purpose of satisfying the material manufacture requirements of the EU and UK Pressure Equipment Directive. This certificate is valid and will remain in effect when accompanied by a valid ISO 9001:2015 registration certificate that bears SRI's Ireland and London addresses, as noted above.

CERTIFICATE OF REGISTRATION

This is to certify that the management system of:

Mueller Impacts Company

2409 Wills Street, Marysville, MI, 48040, USA

has been registered by Intertek as conforming to the requirements of:

IATF 16949:2016

The management system is applicable to:

Manufacture of Aluminum and Copper Impact Extrusions and Heat Treat Services

Permissible exclusions include: Product Design

IATF Certificate Number
0423874

Certificate Number:
2004-0065

Certificate Issue Date:
09 September 2021

Certificate Expiry Date:
08 September 2024



Calin Moldovean
President, Business Assurance

Intertek – 4700 Broadmoor, Suite 200
Kentwood MI 49512, USA



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 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.

CT-IATF16949-2016-IATF-EN-IT-P-02.aug.17-with appendix

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APPENDIX TO CERTIFICATE OF REGISTRATION

This is to certify that the quality management system of:

Mueller Impacts Company

2409 Wills Street, Marysville, MI, 48040, USA

has been registered by Intertek as conforming to the requirements of:

IATF 16949:2016

Including the Following Support Functions:

2199 Lapeer Avenue, Port Huron, Human Resources, Laboratory,
Mi, 48060, USA Testing

IATF Certificate Number
0423874

Certificate Number:
2004-0065

Certificate Issue Date:
09 September 2021

Certificate Expiry Date:
08 September 2024



Calin Moldovean
President, Business Assurance

Intertek – 4700 Broadmoor, Suite 200
Kentwood MI 49512, USA



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