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Supersedes: 03-Feb-2014
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**1.0 Purpose**

This document establishes the requirements for grit blast material intended for surface preparation of Coatings Department hardware.

**2.0 Certificate Required**

Each lot must be accompanied with a Certificate of Compliance. The analysis must state that the material meets or exceeds the criteria listed in the Meyer Tool purchase order or that listed below.

**3.0 Specifications**

**3.1 Size** 220 grit or finer per ANSI B74.12 2012

**3.2 Composition**

- 3.2.1 **Al<sub>2</sub>O<sub>3</sub>:** 99.0% minimum
- 3.2.2 **All else combined:** 1% maximum

**Preferred but not required**

- 3.2.3 **SiO<sub>2</sub>** .04% maximum
- 3.2.4 **Fe<sub>2</sub>O<sub>3</sub>** .09% maximum
- 3.2.5 **MgO** .03% maximum
- 3.2.6 **Na<sub>2</sub>O** .34% maximum
- 3.2.7 **CaO** .03% maximum
- 3.2.8 **TiO<sub>2</sub>** .03% maximum
- 3.2.9 **Cr<sub>2</sub>O<sub>3</sub>** .01% maximum

Date		Date	
Engineering	Keith Jones	Quality	Rob Senitza

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### Revision History

<b>Rev. Ltr.</b>	<b>Parg.</b>	<b>Description of Revision</b>	<b>Date Rev.</b>	<b>Rev. By</b>
A	3.1	Added grit size	11-25-08	K. Jones
B	3.2.1	Reduced Al purity from 99.43% to 99.0% min	02-03-14	K. Jones
B	3.2.2	Changed all others to 1% max	02-03-14	K. Jones
C	3.1	Added per ANSI B74.12 2012	11-APR-2018	K. Jones