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Supersedes: 11-MAR-2016

Effective: 18-OCT-2016

1.0 Purpose

This document establishes the composition requirements for argon when utilized in various processes throughout Meyer Tool, Inc.

2.0 Certificate Required

Each delivery must be accompanied with a Certificate of Compliance/Analysis. The analysis must state that the material meets or exceeds the criteria listed in the Meyer Tool purchase order or the criteria that is listed below. Hydrogen may not be listed with an actual value; however, the balance of the constituents must comply with the values given.

3.0 Composition

- 3.1 **Argon** 99.995% minimum
- 3.2 **H₂O** .0005% maximum (5 ppm) required for heat treating of Snecma hardware only
- 3.3 **Oxygen** .005% maximum (50 ppm)
- 3.4 **Nitrogen** .005% maximum (50 ppm)
- 3.5 **Hydrogen** .005% maximum (50 ppm) required for heat treating of Honeywell hardware only

4.0 Certificate Review

Each Certificate of Conformance/Analysis will be reviewed for compliance to this specification. The percentages of purity will be verified by mathematical evaluation. In the event that all above listed constituents are not delineated on the analysis it is understood that the balance of the gas must be below the above listed maximums.

Date		Date	
Engineering		Quality	

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Revision History

Rev. Ltr.	Parg.	Description of Revision	Date Rev.	Rev. By
Original		New Document	11/25/2008	Keith J
A	1.0	Added "Brazing"	5/12/14	Keith J
A	3.4	Clarified hydrogen limit applies to heat treating of Honeywell hardware only	5/12/14	Keith J
B	1.0	Removed specific processes called out	11/25/14	Keith J
C	2.0	Added for hydrogen to not be listed on cert	3/11/16	Shelly L
C	4.0	New section covering certificate review	3/11/16	Shelly L
D	3.2	Added H2O requirement for Snecma	10/18/16	Keith J