

Heat Treating Scope – May 2010

AC7102 Rev E - Nadcap Audit Criteria for Heat Treating

- ↳Stainless Steels, Martensitic- Customer Specs (to be used on or AFTER 31-Jan-2010)
- ↳Beryllium/Copper- Customer Specs
- ↳Beryllium Copper- Industry Specs (to be used on or AFTER 31-Jan-2010)
- ↳Stainless Steels- Customer Specs
- ↳Steels- Industry Specs (to be used on or AFTER 31-Jan-2010)
- ↳Vacuum Heat Treating- Customer Specs
- ↳Carburizing - AC7102/3 must also be selected
- ↳Steels- Customer Specs
- ↳Stainless Steels, Precipitation Hardening- Industry Specs (to be used on or AFTER 31-Jan-2010)
- ↳Nickel and Cobalt Alloys- Customer Specs
- ↳Stainless Steels, Precipitation Hardening - Customer Specs
- ↳Stainless Steels, Martensitic- Industry Specs (to be used on or AFTER 31-Jan-2010)
- ↳Vacuum Heat Treating – Industry Specs (to be used on or AFTER 31-Jan-2010)

AC7102S Rev B - Nadcap Supplemental Audit Criteria for Heat Treating

- ↳U00 - None

AC7101/4 Rev C - Nadcap Audit Criteria for Materials Testing Laboratories - Metallography and Microhardness

- ↳(L)Metallography (General)
- ↳(L7)Near Surface Examinations - IGA/IGO
- ↳(L6)Near Surface Examinations - Diffusion Coatings
- ↳(L5)Near Surface Examinations - Microhardness

AC7102/3 Rev A - Nadcap Audit Criteria for Carburizing

- ↳Carbonitriding – Customer Specs (to be used on or AFTER 31-Jan-2010)
- ↳Carburizing- Customer Specs
- ↳Carburizing -- Industry Specs (to be used on or AFTER 31-Jan-2010)
- ↳Carbonitriding – Industry Specs (to be used on or AFTER 31-Jan-2010)

AC7102/5 - Nadcap Audit Criteria for Hardness Testing for Heat Treating

- ↳(M2)Rockwell Hardness