|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | | | | |
| **\*DATE** |  | **\*QUANTITY TESTED** |  |
| **\*ORGANIZATION** |  | **\*PART NUMBER** |  |
| \*HEAT TREAT LOCATION |  | **\*PART NAME** |  |
| **\*NAME OF LABORATORY** |  | **\*BATCH TRACE NUMBER** |  |
| **\*MATERIAL SUPPLIER** |  | **\*Tier 1 PO Number** |  |
| **\*SUPPLIER VENDOR CODE** | |  | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Heat Treat to TPS-247 and include:** | SPECIFICATION / LIMITS (min/max) | | SUPPLIER TEST RESULTS (DATA) | **OK** | **NOT OK** |
| *\*Per Spec 4.2: Note surface hardness range to be BHN 111-229 for alloys up to .25% carbon or BHN 149-260 for all other steels if annealed follow section 5.2.* |  |  |  |  |  |
| *\*Per Spec 4.4: Normalized Microstructutre photo must be added on cert to assure part is an eqiaxed homogenized pearlitic structure for annealed microstructure follow section 5.3. (Insert Austenized Microstructure Photoe Below).* |  | |  |  |  |

INSERT PHOTO OF AUSTENIZED MICROSTRUCTURE HERE

\*Follow CQI-9 for frequency check requirements.

Microstructure checks changed from “every batch” CQI-9 Revision 3 to “once per day per furnace” on CQI-9 Revision 4.