

Coded Note Number: **IC00Q**

Revision: **C001**

Date: **November 2, 2018**

Title: **LEVEL I PIPE FITTING REQUIREMENTS SUPPLEMENTING APPENDIX Q**

1. Heat Definition. A "Heat" shall be defined as the metallic output of one furnace charge.
2. Lot Definition. A "lot" shall be defined as a group of like items of the same nominal size that are produced in a common "Heat", with the same contractor traceability numbers.
 - 2.1. If additional production processes are utilized that alter the mechanical properties of the material (e.g., heat-treat, cold or hot forge, extrusion), then all items of the same "Heat" number and additionally processed under the same conditions at the same time shall be considered a "lot".
3. Certifications (Chemical Composition/Mechanical Properties).
 - 3.1. If the starting material or raw stock is processed in a manner that will not affect its chemical composition or mechanical properties, the original certifications for the chemical composition and mechanical properties, as required by the material specifications, are acceptable.
 - 3.2. Where the mechanical properties of the material have been altered by heat treatment or metal working processes, the material shall be uniquely re-identified, and the mechanical properties re-determined.
4. Material Testing / Inspection. When conducting chemical testing, mechanical testing or visual/dimensional inspection the following requirements apply:
 - 4.1. For chemical analysis, the material shall be of the same "Heat".
 - 4.2. For determination of mechanical properties, the material must be of the same "lot".
 - 4.3. For visual and dimensional inspection, a "lot" consists of all items having common physical characteristics (i.e., size, pressure rating, drawing figure number, etc.).

Revision History Table		
Rev	Description	Revision Date
C001	Initial Issue	11/2/2018