

Coded Note Number: **IC229**

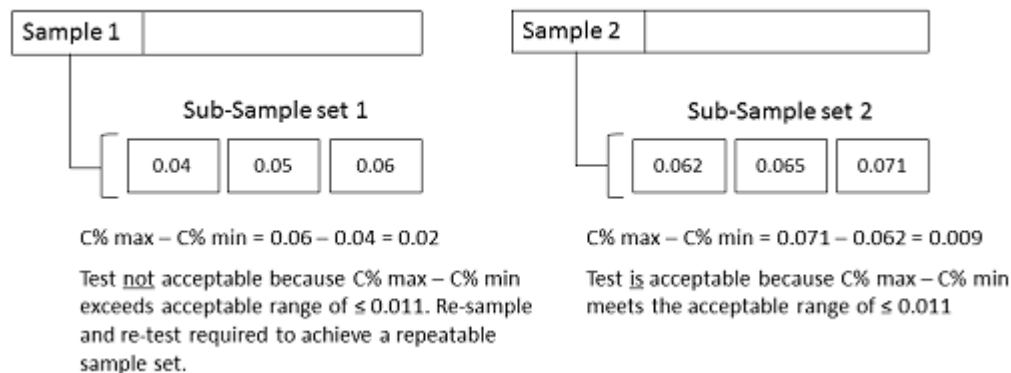
Revision: **C001**

Date: **August 27, 2018**

Title: **NICRFE Alloy 600 (UNS N06600) SPECIFIC CHEMICAL TESTING REQUIREMENTS**

1. The Supplier shall measure Carbon content using the Combustion Method in accordance with the requirements of ASTM E1019 and the following:
  - 1.1. Each sample is divided into a minimum of three (3) sub-samples. The reportable value for Carbon content is the average value of the sub-sample set.
  - 1.2. The Carbon content results between sub-samples are required to be in the range:  
 $C\% \text{ max} - C\% \text{ min} \leq 0.011$ .
  - 1.3. Tests exceeding the allowable Carbon content range between sub-samples are not acceptable, even if the average reportable value is within the allowable specification tolerance. Re-sampling and re-testing are allowed to obtain a repeatable sub-sample set.
  - 1.4. The 0.011 range restriction does not apply to the sample-to-sample variation when more than one sample from a lot is required to be tested.

Figure 1: An example of the sample breakdown and test repeatability.



2. The Supplier shall verify that the results of the chemical elements tested in the mill test report conforms to the chemical composition requirements of the specification being certified.
3. The additional requirements stated in this note do not apply to the mills that melt the raw materials.

Revision History Table		
Rev	Description	Revision Date
C001	New Issue	08/27/2018