

1           **SECTION 106 – MATERIAL RESTRICTIONS AND REQUIREMENTS**

2  
3       Make the following amendment to said Section:

4  
5       **(I)**       Amend **106.05(B) – Deviation** by revising the third sentence from line 106  
6       to 108 to read as follows:

7  
8       “Any deviations will be subject to Subsection 102.14 – Substitution of Materials  
9       and Equipment Before Bid Opening.

10  
11       **(II)**       Amend **Section 106.11           Steel and Iron Construction Material** from  
12       lines 238 to 277 to read as follows:

13  
14       **“106.11   Steel and Iron Construction Material.**       For Federal-Aid projects,  
15       the major quantities of steel and iron construction material that are permanently  
16       incorporated into the project shall consist of American-made materials only in  
17       accordance with 23 CFR Subpart 635.410 and 49 CFR 661.

18  
19       American-made material is defined as material having all manufacturing  
20       processes occur in the United States.       The action of applying a coating to  
21       steel or iron is deemed a manufacturing process.       Coating includes epoxy  
22       coating, galvanizing, aluminizing, painting, and any other coating that protects  
23       or enhances the value of steel or iron.       Any process from the original  
24       reduction from ore to the finished product constitutes a manufacturing process for  
25       iron.       The following are considered to be steel manufacturing processes.

26  
27       **(1)**       Production of steel by any of the following processes:

28               **(a)**       Open hearth furnace.

29               **(b)**       Basic oxygen.

30               **(c)**       Electric furnace.

31               **(d)**       Direct reduction.

32  
33       **(2)**       Rolling, heat treating, and any other similar processing.

34  
35       **(3)**       Fabrication of the products.

36               **(a)**       Spinning wire into cable or strand.

37               **(b)**       Corrugating and rolling into culverts.

38               **(c)**       Shop fabrication.

47           A certification of materials origin will be required for any items comprised  
48 of, or containing steel or iron construction materials prior to such items being  
49 incorporated into the permanent work.”  
50

51

52

**END OF SECTION 106**