Case XXXX

Use of additively manufactured base metal for welding procedure qualifications

BPV Sections involved: Section IX

Inquiry: Under what circumstances may plates manufactured by wire additive processes be considered as B/SB-26 T6 UNS A03560 for procedure qualifications?

Reply: It is the opinion of the committee that plates manufactured using SFA-5.10 ER4008 or ER4010 filler metal followed by machining and tempering to T6 may be considered the same P-number and UNS number as B/SB-26 T6 UNS A03560 for the purpose of welding procedure qualification provided that the plates meet the chemical composition and mechanical property requirements of ASTM B26 T6 UNS A03560.