AWS D1.3 Interpretation

Subject: Welder Qualification Requirements
Code Provision: 4.7 and 4.8
AWS Log: D1.3-08-I12

Inquiry:

1) Per AWS D1.3:2008, must a welder perform a qualification test using each WPS that will be used in production?

2) Per AWS D1.3:2008, if the only difference between the WPS a welder qualified to and the WPS a welder used in production was a change in current and voltage, does the welder need to requalify?

3) Per AWS D1.3:2008, must a welder be qualified to a WPS used in production or can it be any properly documented WPS?

4) Per AWS D1.3:2008 can a WPS be removed, revised, or never be used at all in production without voiding the passing and qualifying test that the welder achieved to the documented WPS?

5) Per AWS D1.3:2008, is there any difference in regards to welder qualification requirements between a pre-qualified WPS (Clause 3) and a WPS qualified by testing as defined in Clause 4?

Response:

1) No, see 4.7.1.2.

2) No, 4.7 does not address voltage and current changes as essential variables for welder performance qualification.

3a) For the first part of the question: No, see response to inquiry (1).

3b) For the second part of the question: Yes, see 4.8.1.1.

4) Yes.

5) No, see 4.8.1.1.