

API 510- Exam 9-Extra

Closed Book (API RP-577)

Q.1 Recording on a data sheet of an indication that exceeds the reject flaw size criteria and needs to be corrected is-

- A] Recordable indication
- B] Reportable indication
- C] Notable indication
- D] None of above

Q.2 A sub -surface terrace and step-like crack with basic orientation parallel to the base metal surface caused by tensile stresses in thickness direction is called

- A] Lamination
- B] Plane-breaking crack
- C] Lamellar tearing
- D] Stress corrosion crack

Q.3 Slag inclusion” is not found in welding performed by

- A] SMAW
- B] SAW
- C] FCAW
- D] GMAW

Q.4 Most applicable method for sub-surface porosity is

- A] UT
- B] PT
- C] ET
- D] RT

Q.5 VT is most conveniently performed placing an eye

- A] Within 6” – 24” with angle less than 30° with the surface
- B] Within 6’’-24’’ with angle not less than 30° with surface
- C] Beyond 24’’ with angle less than 30°
- D] Beyond 24’’with angle not less than 30°

Q.6 A clear radiography film has density of

- A] 4 b] 0 c] 2 d] infinity

Q.7 In UT examination,

- A] A- scan shows cross-sectional elevation view
B] B- scan shows cross-sectional elevation view
C] C-scan shows cross-sectional elevation view
D] None of above

Q.8 Steels with CE greater than 0.55% typically require:

- A] Preheating only
B] Pre-heating & PWHT
C] No pre- heating or PWHT
D] PWHT only

Q.9 A method to assure that PWHT was performed satisfactorily is

- A] Hardness testing of weld & HAZ
B] Radiography of weld & HAZ
C] PT or MT of weld & HAZ
D] UT of weld & haz

Q.10 Welding process that has very high metal deposition rate is

- A] SMAW
B] GTAW
C] GMAW
D] SAW

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Answer key
EXAM 9 EXTRA

Q. NO.	ANSWER
1	B
2	C
3	D
4	D
5	B
6	B
7	B
8	B
9	A
10	D