Mar-2024 API API-936 Certification Real 2024 Mock Exam [Q21-Q35



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Refractory linings play a crucial role in the safe and efficient operation of high-temperature equipment in the oil and gas industry. The proper installation and maintenance of refractory linings can prevent catastrophic failures that could result in equipment downtime, lost production, and even personnel injuries. Therefore, having certified refractory personnel who possess the necessary knowledge and skills is critical for maintaining the integrity and reliability of high-temperature equipment.

NO.21 A high alumina mineral usually consists of rounded concretionary grains embedded in clay-like mass and is believed to consist essentially of alumina trihydrate (Al2O3 H2O) and alumina hydrate (Al2O3 H2O) in varying proportions is called

- * kyanite
- * bauxite
- * fused alumina
- * alusite

NO.22 1 solid black is the color of the stripe for the alloy material

- * 304
- * 304L

- * 310
- * None of the above

NO.23 Additives used to facilitate moisture removal of refractory linings during dry out are called

- * Metal fiber
- * Organic fiber
- * Mineral fiber
- * None of the above

NO.24 The standard size of a fabricated test panel for pneumatic gunning qualification is

- * (500 mm x 500 mm)
- * (600 mm x 600 mm) 24 " x 24″
- * (700 mm x 700 mm)
- * None of the above

NO.25 Enclosure inside the top head of a reactor or regenerator vessel which supports the cyclones and in which gases exiting the cyclone outlets are collected is called

- * Cyclone of FCCU
- * Plenum of FCCU
- * Riser of FCCU
- * None of the above

NO.26 Testing frequency for material qualification of refractory for other services requires

- * 1 sample per pallet or less from each production run
- * 1 sample per 3 pallets or less from each production run
- * 1 sample per 3 pallets or more from each production run
- * None of the above

NO.27 Hex mesh supplied in flexible rolls and ready fit to a curved surfaces is called

- * Flexmesh
- * Hexalt anchor
- * Hexcel
- * All of the above

NO.28 In API RP 936, the referenced ASTM standard procedure for cold crushing strength and modulus of rupture is

- * C 133 97
- * C704 01
- * C181 91
- * None of the above

NO.29 The color of stripe for Inconel 600 alloy material of metallic anchor is

- * 1 solid black
- * 2 solid black
- * 2 solid blue
- * None of the above

NO.30 A metallic anchor used to attach ceramic anchors to the casing or shall of a processing unit is

- * Claw anchor
- * C-clip
- * U anchor

* None of the above

NO.31 As per API recommended practice 936, the standard test method for reheat change of refractory brick is

- * C113 02
- * C 133 97
- * C 181 91
- * None of the above

NO.32 Refractories chemically and physically stable at

- * Low temperatures
- * Average temperatures
- * High temperatures
- * None of the above

NO.33 A condition describing a refractory lining that is soft and friable

- * Bloating
- * Plunky
- * Slumping
- * None of the above

NO.34 Pre-turn around planning means

- * At least 6 months prior to the turnaround
- * At least 12 months prior to the turnaround
- * At least 8 months prior to the turnaround
- * Any of the above

NO.35 An internal component used for the separation of solids from flue or product gas in a fluid coking unit is called

- * A cyclone
- * Plenum
- * Riser of FCU
- * None of the above

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