24. All conduits referred to in hazardous locations shall be threaded with a _____ taper per foot.
(a) $^1/_2$ in. (b) $^1/_4$ in. (c) 1 in. (d) all of these

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25. Meters, instruments and relays including kilowatt-hour meters, instrument transformers, resistors, rectifiers and thermionic tubes that are installed in Class I, Division 1 locations shall be installed in explosionproof enclosures or purged and pressurized enclosures.
(a) True (b) False

26. Meters, instruments and relays installed in Class I, Division 2 locations can have switches, circuit breakers and make-and-break contacts of push buttons, relays, alarm bells and horns installed in enclosures that are approved for general purpose if current-interrupting contacts are _____.
(a) immersed in oil
(b) enclosed within a hermetically-sealed chamber
(c) a or b
(d) a and b

27. Which of the following wiring methods are permitted in a Class I, Division 1 location?
(a) Threaded rigid metal conduit (b) Threaded IMC
(c) MI cable (d) all of these

28. Wiring methods permitted in Class I, Division 1 locations include _____.
(a) threaded rigid metal or threaded steel intermediate metal conduit
(b) flexible fittings listed for Class I, Division 1 locations
(c) boxes approved for Class I, Division 1 locations
(d) all of these

29. ITC-HL cables, listed for use in Class I, Division 1 locations, with a gas/vaportight, continuous-corrugated, metallic sheath, an overall jacket of suitable polymeric material and provided with termination fittings listed for the application can be installed in Class I, Division 1 _____ establishments with restricted public access.
(a) commercial (b) industrial (c) institutional (d) all of these

30. When provisions shall be made in a Class I, Division 2 location for limited flexibility, such as motor termination, flexible metal conduit with listed fittings may be used.
(a) True (b) False

31. Boxes, enclosures, fittings and joints are not required to be explosionproof in a Class I, Division 2 location. However, if arcs or sparks (such as from make-or-break contacts) can result from equipment being utilized, that equipment shall be installed in an explosionproof enclosure meeting the requirements for Class I, Division 1 locations.
(a) True (b) False

32. Sealing compound is employed with MI cable terminal fittings in Class I locations for the purpose of _____.
(a) preventing the passage of gas or vapor
(b) excluding moisture and other fluids from the cable insulation
(c) limiting a possible explosion
(d) preventing the escape of powder

33. Conduits of $1^1/_2$ in. or smaller entering an explosionproof enclosure that houses switches intended to interrupt current in the normal performance of the function, shall not be required to be sealed if the current-interrupting contacts are within a chamber hermetically sealed against the entrance of gases and vapors.
(a) True (b) False

34. Each conduit leaving a Class I, Division 1 location requires a seal to be located on either side of the hazardous location boundary. Unions, couplings, boxes or fittings are permitted between the seal and the point where the conduit leaves the Division 1 location.
(a) True (b) False