

**General Questions for Discussion
About
Hazardous Locations**

(This NEC Study Guide was prepared by Gaylord Poe© 2008)

1. In general (excluding “Zones”) how are Hazardous Locations categorized?
2. In layman’s terms, what is the difference between Division 1 and Division 2 locations?
3. Describe the basic differences between Class 1, Class 2, and Class 3 locations.
4. Gasoline dispensing is a Class ____ location. A flour processing area is a Class ____ location. A woodworking shop is a Class ____ location.
5. Can equipment listed for use in one type of hazardous location be used in another type of hazardous location?
6. Do junction boxes in Class I Division 2 locations have to be explosion proof?
7. Seals must be installed ahead of all arcing and sparking devices and at all boundaries. True or False?
8. On which side of the boundary must seals be located?
9. Do motors in Class I Division 1 locations have to be specifically listed for Class I Division 1 locations?
10. Can motors identified for use in Class I Division 1 locations be used in Class I Division 2 locations?
11. Do conduits and cables for Intrinsically Safe Systems have to be sealed ahead of all arcing and sparking devices?
12. In commercial garages, does the “GFCI protected receptacle” rules apply to all 125-volt, single phase, 15- and 20-ampere receptacles in the shop area?
13. How must plug-in type retractable work lights be constructed for use in commercial garages?
14. In general, can customer waiting areas and general office areas adjacent to shop areas of commercial garages be made non-classified areas?
15. Why are “quick lube” stations almost always considered as unclassified locations?