

## 2018 Team Up For Safety Quiz Bowl Study Guide

For each section listed please review the video link or the article link provided. All questions will be based off the listed links. For all articles you do not have to follow continued links stay focused on the main content presented. Questions will be either true or false or multiple choice.

### ENVIRONMENTAL SAFETY:

#### Confined space definitions and training:

- (OSHA standards video) <https://www.youtube.com/watch?v=rbfWE7D9RZk>
- (Ohio State University video) <https://www.youtube.com/watch?v=ZVQn5v7a8nw>
- (safety info.com video) [https://www.youtube.com/watch?v=R\\_RdenMBZZQ](https://www.youtube.com/watch?v=R_RdenMBZZQ)

#### Grain bin safety:

- (National Corn Growers video) <https://www.youtube.com/watch?v=zqbUubNAVE0>
- (Penn State Extension flowing grain website article) <http://extension.psu.edu/business/ag-safety/confined-spaces/flowing-grain/hazards-of-flowing-grain>
- (Sukup Managing Stored Grain Principles article) [https://sukup.com/content/safety/L1109\\_ManagingStoredGrain.pdf](https://sukup.com/content/safety/L1109_ManagingStoredGrain.pdf)
- (Growing Safely video) <https://www.youtube.com/watch?v=R4ZuILo-npU&feature=youtu.be>
- (SDSU extension article grain drying and storage article) <http://igrow.org/agronomy/corn/a-grain-harvest-drying-and-storage-dilemma/>

#### Manure Safety / Management:

- Manure safety Management <http://articles.extension.org/pages/19943/manure-storage-safety>
- (National Ag Safety Database: Penn State Manure storage video) <http://nasdonline.org/7056/v001586/solid-cover-manure-storage-ventilation-and-safety.html>
- (University of Nebraska Lincoln Modern Manure Management video) <https://www.youtube.com/watch?v=dQGCawx6G9E>

#### Animal Handling Safety:

- (Safe Handling of Farm Animals - Flight Zone and Point of Balance HSA channel video) <https://www.youtube.com/watch?v=-0e7iSyiK1k>
- (Cow Safety – HSA Channel video) [www.youtube.com/watch?v=3SXZREoHI2w&index=26&list=PL3FEEDA5664A1B338](http://www.youtube.com/watch?v=3SXZREoHI2w&index=26&list=PL3FEEDA5664A1B338)
- NFU livestock safety video <https://nfu.org/farmsafety/#chapter6>

#### Hay Storage and Safety:

- UC Cooperative article: <http://ucanr.edu/blogs/blogcore/postdetail.cfm?postnum=10239>
- Extension article: <http://articles.extension.org/pages/66577/preventing-fires-in-baled-hay-and-straw>
- Missouri extension article: <http://extension.missouri.edu/p/G4575>



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## GENERAL SAFETY

### Electrical Safety:

- HSA farm electrical safety video: [https://www.youtube.com/watch?v=O0ONY3p\\_aZk](https://www.youtube.com/watch?v=O0ONY3p_aZk)

### Chemical Safety:

- Petersen farm chemical safety video <https://www.youtube.com/watch?v=AAxcFeRRZDk>
- NFU chemical safety video <https://nfu.org/farmsafety/#chapter8>

### Fire Safety:

- Fire landscaping: Defensible space article <https://www.thisoldhouse.com/ideas/firesafe-landscaping-defensible-space>
- National ag safety farm fires article <http://nasdonline.org/1661/d001551/farm-fires.html>
- Insurance institute for business and home article <https://disastersafety.org/ibhs-news-releases/steps-for-reducing-the-risk-of-agricultural-fires-and-property-losses-4/>

### Carbon Monoxide Safety

- Steps to reducing the risk of fire <http://articles.extension.org/pages/19943/manure-storage-safety>
- CDC CO article <https://www.cdc.gov/co/faqs.htm>

### Noise Safety

- Noise safety National Institute of Health video and article <https://www.noisyplanet.nidcd.nih.gov/parents/keeping-noise-down-on-the-farm>
- IAC Acoustics chart <http://www.industrialnoisecontrol.com/comparative-noise-examples.htm>
- Progressive Ag article/chart [http://www.progressiveag.org/uploads/documents/noise\\_graphs.pdf](http://www.progressiveag.org/uploads/documents/noise_graphs.pdf)

### Miscellaneous

- Safe Clothing UMaine Extension article <https://extension.umaine.edu/publications/2309e/>
- General farm safety <http://www.secura.net/customers/PreventionConnection/general-farm-safety.html>
- Flooded buildings Extension article <http://articles.extension.org/pages/26795/salvaging-flood-damaged-agricultural-buildings>
- Various ag safety topics article USDOL [https://www.osha.gov/dsg/topics/agriculturaloperations/hazards\\_controls.html](https://www.osha.gov/dsg/topics/agriculturaloperations/hazards_controls.html)
- NOAA weather safety article <http://www.crh.noaa.gov/images/mkx/pdf/handouts/weather-safety-tips.pdf>
- Hand signals Extension article <http://articles.extension.org/pages/62262/use-of-hand-signals-in-production-agriculture>
- NFU general safety video <https://nfu.org/farmsafety/#chapter1>

## **FIRST AID/ RESPIRATORY SAFETY:**

### **Heat/ Cold Safety and Hydration**

- CDC extreme heat article <https://www.cdc.gov/extremeheat/warning.html>
- CDC hydration article <https://blogs.cdc.gov/niosh-science-blog/2011/08/12/heat-2>
- OSHA heat safety article <https://www.cdc.gov/niosh/docs/2011-174/pdfs/2011-174.pdf>
- NIOSH sun exposure article <https://www.cdc.gov/niosh/docs/2010-116/pdfs/2010-116.pdf>
- CDC extreme heat guidebook <https://www.cdc.gov/climateandhealth/pubs/extreme-heat-guidebook.pdf>
- National Ag safety cold weather <http://nasdonline.org/129/d001677/cold-weather-exposure.html>

### **First Aid Scenarios**

- CPR first aid video <https://www.youtube.com/watch?v=CuUXdQI5LLs>
- Sudden Illness <https://www.sharecare.com/health/first-aid-emergencies-and-conditions/how-care-someone-sudden-illness>
- External Bleeding <https://www.webmd.com/first-aid/how-to-stop-bleeding-from-a-skin-wound>
- First aid reference card  
[http://www.redcross.org/images/MEDIA\\_CustomProductCatalog/m28340131\\_Adult\\_Ready\\_Reference\\_Card.pdf](http://www.redcross.org/images/MEDIA_CustomProductCatalog/m28340131_Adult_Ready_Reference_Card.pdf)
- First aid kit article Mayo Clinic <http://www.mayoclinic.org/first-aid/first-aid-kits/basics/art-20056673>

### **Respiratory Protection**

- Extension respiratory protection on the farm article <http://articles.extension.org/pages/63440/respiratory-protection-on-the-farm-and-ranch>
- Choosing the right mask video US AG safety video <https://www.youtube.com/watch?v=SzfKU9EY8IM>
- 3M mask types [http://www.3m.com/3M/en\\_US/safety-centers-of-expertise-us/respiratory-protection/respirator-selection/](http://www.3m.com/3M/en_US/safety-centers-of-expertise-us/respiratory-protection/respirator-selection/)
- Agrisafe network fitting your mask video <https://www.youtube.com/watch?v=q69Tb09IPGg>

## **EQUIPMENT SAFETY:**

### **Power Take off Safety**

- NFU power take off video <https://nfu.org/farmsafety/#chapter2>

### **Generator Safety**

- National safety council article [http://www.nsc.org/NSCDocuments\\_Advocacy/Fact%20Sheets/Portable-Generator-Safety-Tips.pdf](http://www.nsc.org/NSCDocuments_Advocacy/Fact%20Sheets/Portable-Generator-Safety-Tips.pdf)
- CDC electrical safety and generator article <https://www.cdc.gov/disasters/elecgenerators.html>
- OSHA safety article generators  
[https://www.osha.gov/OshDoc/data/Hurricane\\_Facts/portable\\_generator\\_safety.pdf](https://www.osha.gov/OshDoc/data/Hurricane_Facts/portable_generator_safety.pdf)



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#### **Welding Safety**

- American Welding Society eye and face protection article [https://app.aws.org/technical/facts/FACT-31\\_2014.pdf](https://app.aws.org/technical/facts/FACT-31_2014.pdf)
- American Welding Society welding fumes article <https://app.aws.org/technical/facts/fs1-201410.pdf>
- Welding safety video [https://www.youtube.com/watch?v=OYd11w1Dz\\_w](https://www.youtube.com/watch?v=OYd11w1Dz_w)

#### **ATV Safety**

- NFU ATV safety video <https://nfu.org/farmsafety/#chapter4>
- Growing Safety ATV video <https://www.youtube.com/watch?v=pA4piHdDH28&feature=youtu.be>

#### **Miscellaneous Equipment Safety:**

- Farm Safety article Virginia COOP article [https://pubs.ext.vt.edu/442/442-092/442-092\\_pdf.pdf](https://pubs.ext.vt.edu/442/442-092/442-092_pdf.pdf)
- Rollover protection CDC article <https://www.cdc.gov/niosh/docs/95-109/harvesting.html>
- Combine fires Penn State article <http://extension.psu.edu/business/ag-safety/news/2016/tips-for-preventing-combine-fires>
- General work safety CDC article <https://www.cdc.gov/niosh/docs/2010-137/pdfs/2010-137.pdf>
- AgPhD harvest traffic safety <https://www.youtube.com/watch?v=Qy0wShIaIWc>
- NIOSH skid steer safety article <https://www.cdc.gov/niosh/docs/2011-128/pdfs/2011-128.pdf>