



# Lisle Woodridge Fire District Training and Safety Division

May 2015

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## Safety Topics

**Safety Committee Meeting**  
Scheduled for July 16, 2015

### Non-time Loss Injuries

Month: 1      YTD: 2  
Abdominal injury  
**Time Loss Injuries**

Month: 0      YTD: 6

### Accidents

Month: 1      YTD: 3  
Vehicle door open/lost equipment

## Monthly Training

- FAE – Cont. Education
- Water Supply
- Standard Operating Guidelines
- Officer Development
- Officer Candidate Training
- Truck Operations
- Engine Operations
- Multi-company Operations
- Safety
- SCBA Fit-testing
- CBRN Fit-testing
- Self Contained Breathing Apparatus (SCBA)
- Fire hose, nozzles ad appliances
- Nozzles & Fire Streams
- On duty Fitness
- Fire Behavior
- Incident Command - NIMS
- Pre-Plans, Building Familiarization
- Driver Training
- Squad Company Operation
- Vertical Ventilation
- Horizontal Ventilation
- Sprinkler Systems
- Ladders
- Hydrant Operations
- Fitness Evaluations
- Vehicle Extrication
- MABAS Trench Rescue Ops
- HAZMAT - Equipment
- CART/MABAS Training

## Fire Apparatus Engineer Skills

The fire apparatus engineer skill review incorporated the review of calculations needed to flow the appropriate quantity of water at the required pressure "PSI". This is extremely important when delivering water to interior crew members safely. The training session also included the hands-on portion with flowing single handlines and multiple handlines utilizing the pressures calculated using the proper equations. Those equations include:

$$1 \frac{3}{4}'' = 10Q^2$$

$$2 \frac{1}{2}'' = 2Q^2 + Q$$

$$3'' = 2Q^2 + Q \times \text{Coefficient} \quad \text{Coefficient: } 3'' = .4$$

$$Q = \text{GPM}/100$$

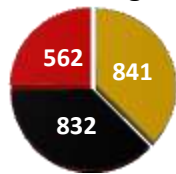


## SCBA Familiarization and Consumption drill

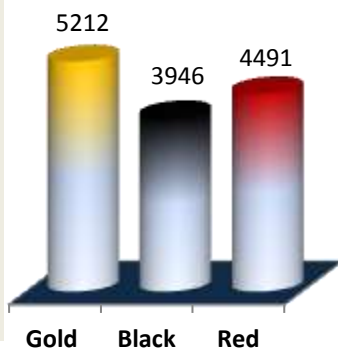
The Self Contained Breathing Apparatus familiarization training touches on the familiarization of SCBA and emergency procedures utilized when needed due to potential malfunction in hazardous environments. Consumption drill is designed to measure the amount of compressed air used when executing tasks wearing a SCBA. This will provide accurate information on the amount of work time a firefighter may have while wearing a 30 minute SCBA air cylinder.



## Shift Training Hours



## Training Hours 2015



## Annual Fire Hose Testing

Service testing of fire hose is an annual mandated requirement. The fire hose includes diameters of 1 3/4", 2 1/2", 3" and 5" LDH fire hose. The different diameters are all tested for a set period of time at variable test pressures according to NFPA and the dates of manufacturing.



## MABAS/CART Trench Operations

This was mutual aid training with our MABAS 16 partners collectively training on techniques used during trench rescue operations.

