

**Chester County Fire Apparatus Requirements  
Minimum Requirements  
Per Chester County Fire Chief's Association**

**DRAFT - February 2008 - DRAFT**

**Engine**

- 1000 GPM Pump
- 500 Gallons of water
- 35 feet of ground ladders, must incl. extension, roof, attic or little giant
- 1 Exhaust fan
- Minimum of 800 feet of 4 or 5 inch supply line and 200 feet of 3 or 3-1/2 inch supply line
- Pre-connect attack lines 150 feet each, 2- 1 1/2" and 1- 2"
- One SCBA for each assigned seat with spare bottles – minimum 4
- Must meet NFPA 1901 with the exception of the above

**Pumper Tanker - (Will keep the engine classification in CAD with the number 5 or 6 at the end)**

- Meets engine classification with the exceptions
- 2000 Gallons of water

**Rescue**

- Hydraulic rescue tool (1 spreaders, 1 cutters, 2 rams)
- 150 psi. air chisel
- Cribbing - (12) 2x4x18", (36) 4x4x18", (4) 4x4x36"
- Fixed 5 kw Generator
- Air Bags (54 Ton)
- (2) High Lift Jacks, (2) 12 Ton Hydraulic jacks
- Hand Winch – (2) 1.5 Ton with 5" moving chain
- Saws – (1) 16" chain, (1) disc type, (1) reciprocal
- 16" fan with hangers

- Ropes & Rigging – (9,000 lbs) (4) ½” x 150’, (2) ½” x 300’ with accessories for lifting and lowering objects/people
- SCBA - minimum of four (4)
- Portable Lighting (4) 500 W
- Thermal Image Camera
- Hand Tools – SAE and Metric wrenches/sockets , pliers, screwdrivers

### **Brush Unit**

- Four-wheel drive
- 50 Gallons of Water
- 5 GPM pump
- 50 feet of suppression hose
- Chainsaw
- 1 Indian tank or it’s equivalent
- 1 rake
- 1 shovel

### **TAC Unit**

- 200 Gallons of water
- 200 GPM pump
- 100 feet 3” supply line
- 100 feet 1 ½ line pre-connected
- 10 foot ground ladder
- SCBA (2)
- Haligan or equivalent tool

### **Tanker**

- 2000 gallons of water
- 500 GPM pump
- 200 feet of 3” supply line
- Dump Valve- minimum of 1

## **Ladder**

- 75 feet straight aerial device
- 75 feet ground ladders
- Generator – minimum 5 KW
- Fixed & Portable lighting
- Salvage Equipment ( 2 tarps, 2 runners, 1 bucket)
- Ventilation equipment (saws/fans)
- Ropes & Rigging equipment – minimum of 300 ft of life safety
- Stokes basket
- Must meet NFPA 1901 with the exception of the above

## **Tower**

- 75 Foot aerial device with personnel bucket
- Meets ladder classification with the exceptions

## **Air Unit**

- Minimum of on board compressor or 4-bottle cascade w/ booster pump
- Two fill stations
- Fixed Generator
- 4000 watts of fixed lighting
- Portable Lighting

## **QRS**

- Equipped for ALS/BLS support
- Personnel carrier
- State Certified

## **MICU**

- ALS Ambulance
- Transport Capable
- State Certified

## **Ambulance**

- BLS Ambulance
- Transport Capable

- State Certified

### **Medic**

- ALS
- Non-Transport Capable
- State Certified

### **Traffic Unit**

- Arrow-stick or arrow-board
- Cones – minimum of twenty (20)
- Line tape - minimum of two rolls (2)
- Flashlights - minimum of two (2)
- Flares - minimum of one box (1)
- Safety Vests - minimum of four (4)

### **Utility**

- Equipment or Personnel carrier (Vehicle)
- Pull behind trailers (exception is Containment)
- This will become the “catch-all” for everything that does not fit in any of the other classifications

### **Squad**

Personnel / Equipment carrier

### **Containment Unit (Stand alone (Vehicle) or Pulled (trailer))**

- Absorbent material - minimum of four 50lb. bags (4)
- Booms - minimum of fifty feet (50)
- Absorbent Pads – minimum of three bales (3)
- Pigs/Blankets
- Diking Material
- 2 shovels
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## **Boat**

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## **HazMat**

- State Certified

## **Dive – Rescue -**

## **Rescue – Pumper – In Process**

**The following designations have been assigned an in- active / reserve status for future use.**

### **Quint (This is new)**

- 75 feet aerial device or greater w/ permanent pre-piped waterway
- 75 feet ground ladders
- 1000 GPM Pump
- 300 Gallons of water
- Minimum of 500 feet of 4 or 5 inch supply line and 200 feet of 3 or 3-1/2 inch supply line
- Generator – minimum 5 KW
- Fixed & Portable lighting
- Salvage Equipment ( 2 tarps, 2 runners, 1 bucket)
- Ventilation equipment (saws/fans)
- Ropes & Rigging equipment – minimum of 300 ft of life safety
- Stokes basket
- Pre-connect attack lines 150feet minimum, 2- 1 ½' and 1- 2"

## **Snorkel**

## **Squrt**

## **Hose Tender**

## **Canteen**

## **Deluge**

