

Tempe Fire Department Policies and Procedures

Fuel Conservation

602.08

Rev 3-18-09

PURPOSE

To develop a policy and procedure to ensure that fuel conservation is an ongoing priority for the Tempe Fire Department.

POLICY

The Tempe Fire Department will at all times, pursue all avenues of fuel conservation when designing, purchasing, maintaining, training and operating motor vehicles.

PROCEDURE

All members of the Department shall participate in fuel conservation through commitment and acceptance of the following responsibilities.

RESPONSIBILITIES

Department

- Monitor City and Department Preventive Maintenance Programs to ensure vehicle and apparatus scheduled maintenance is performed at established intervals
- Monitor non-emergency activities to ensure efficient and effective use of city vehicles and fire apparatus
- Purchase fuel efficient vehicles and fire apparatus
- Remove unnecessary weight from vehicles and apparatus
- Consolidate meetings; consider using a central location
- Schedule meetings with customers at Fire Department facilities
- Teach and reinforce proper fuel conservation habits during Drivers Training
- Develop alternative training methods and locations i.e. fire stations, internet

Members

- Plan travel routes in advance
- Eliminate unnecessary trips, i.e. use phone, conference calls, email
- Reduce excess weight in vehicles i.e. equipment, supplies, tools
- Carpool to meetings, training or events
- Use public transportation
- Operate vehicles and apparatus within the posted speed limit or established response policy
- Regularly inspect vehicles and apparatus
- Inflate tires properly
- Refuel early in morning when possible
- Avoid unnecessary idling in vehicles or apparatus (after shut down criteria is met) to prevent:
 - Increased soot levels in oil
 - Increased engine wear
 - Increased emissions
 - Increased service intervals
 - Increased downtime
- Develop and maintain proper driving habits; do not over accelerate, avoid hard or constant braking