1. **Call to Order**
The in person meeting was called to order at 8:20 AM by task group chair, Gordon Damant.

2. **Introductions**
The following task group members were in attendance:
   - Gordon Damant - Self
   - Dick Gann - Self
   - William Pitts - NIST
   - Rik Khanna – CPSC

The following guests were in attendance:
   - John Hall - facilitator
   - Robert Solomon - NFPA
   - Tracy Vecchiarelli - NFPA
   - Andrew Lock – CPSC
   - Kurt Reimann – Consultant
   - Matt Vinci – IAFF
   - Lori Moore Merrell – IAFF
   - Pat Morrison – IAFF

3. **Approval of the July 20, 2015 meeting minutes**
The meeting minutes were reviewed and approved.

4. **Draft development discussion**
   - Discussed the need for a reference test and if the task group needs to develop additional tests after the reference test. J. Hall suggested that starting at the reference test is the goal. The need for additional tests can be discussed in the future.
   - Discussed the difficulty of developing and comparing full scale tests and mockups to real furniture behavior
   - Agreed on the following goal for NFPA 277:
     Goal: Significantly reduce the number of deaths in residential dwelling fires where upholstered furniture is the major contributor to fire growth.
   - Discussed the following hazards to be mitigated:
     i. Room flashover
     ii. Ignition of an additional item of residential upholstered furniture (RUF)
     iii. Fire or effluent exposures will be significant outside the room of fire origin*
     iv. Burn and inhalation injuries/deaths to people in the fire room but not intimate to the burning RUF item*
     1. *Hazards 3 and 4 will be addressed as collateral benefits from the standards impact on Hazards 1 and 2.

   - Agreed on the following values for mitigating the hazards above:
     **Physical Properties**
     1. Peak HRR
a. Remain below the assigned maximum HRR until there are no additional signs of combustion
b. Combustion shall be allowed to continue until one of the following has occurred:
   1. no visible smoke or glowing for 5 minutes
   2. Or 30 minutes have elapsed from the time the burner was ignited.
   2. Total heat release in first 5 minutes (allowance for a brief initial HRR spike?)
   3. Maximum radiant flux for 5 minutes at 0.5 m from the test specimen

Magnitudes for the test to measure accurately
1. Peak HRR: low 100s of kW
2. Total HRR: low values of MJ
3. Maximum radiant flux: low 10s of kW/m²

- Discussed the following test parameters:
  To measure these hazards and magnitudes, the test will involve:
  1. Full piece of residential furniture.
  2. TB 133 or comparable burner (size, gas flow, placement, duration)
  3. Physical placement of the burner (to be resolved)
     a. Inside placement, direct ignition of the cushions?
  4. Open calorimeter
     a. Room calorimeter can be used depending on the following constraints: size, closeness to the walls, 2 foot clearance on all sides of the test subject? ISO 24473

- Discussed the following measurements to be recorded during the test:
  1. Rate of heat release (range of values?)
     a. Total heat release
  2. Radiant flux?
  3. No smoke and toxic gases
  4. No mass loss

- Task Group requested using NFPA 266 (withdrawn) as a shell to start the process of adding in the parameters agreed to during the meeting. G. Damant and T. Vecchiarelli are to work together to add these pieces into the shell for the Task Group to review. To be completed by March 2016. Once reviewed by the Main Task Group, it will be circulated through the Secondary Task Group.

- D. Gann and B. Pitts to write a justification statement on why we are developing this standard, including a list of each item we have agreed to and the reasoning behind our decisions so far. This could possibly be used as annex material. To be completed by March 2016.

- Task Group requested a copy of ISO 24473 to review.
- Discussed the need for phase 2 of this project. This initial test will fulfill the goal of setting a benchmark for furniture flammability testing. Down the line, component tests might need to be developed.

5. Guest Comments
   Comments were heard from guests Kurt Reimann and Matt Vinci.

6. Next Meeting
   The next meeting will occur before the next Fire Test Committee meeting expected to be held in late March 2016.