



Haz Mat Division Needs Assessment for New Employee:

In a standard 40 hour work week of 52 weeks
There are 2080 work hours per person or 4160 hours
for 2 people.

In the Haz Mat Division normal estimated year of work
2246 work hours per person or 4492 work hours
for 2 people.

Or 166 extra work hours or 4 extra weeks of work
with no vacation or holidays off.



New Employee needs cont.

- Making Sure Maintenance is done: 324 hours
 - Trailers/Trucks/Monitors/AirPacks/ProtectiveSuits
- Training- 2208 hours
 - Assorted Classes (savings of \$80,000+ per year)
 - Monthly training 3 days in a row Haz Mat
 - Monthly training 3 days in a row Technical Rescue
 - Regional preparation (i.e. hospitals, MOT, EMS, Comm, JP's, etc.)
 - Specialized Software training (saving \$3000)



New Employee needs cont.

- Additional Duties: 948 Hours
 - Mass Gathering Permits
 - Research, justify, get quotes, get PO, purchase, document purchase (pictures, justifications, cost), receive, train to use, put in service.
 - Work with Fire Departments on Haz Mat facilities
 - Yearly review of Standard Operating Guidelines
 - Insure we are meeting legal standards

New Employee needs cont.

- Responses: 704 hours
 - Oversee all major calls (may take up to 24 hours of work or more). Mercury call lasted 10 days. Georgetown Coating spill on Williams Drive lasted 3 days. Cedar Park Chemistry Lab lasted 4 days. Anhydrous Ammonia Call lasted 16 hours (but took over 80 hours of work to investigate what went wrong and provide good corrective actions).
 - Write reports and collect billing data to submit for reimbursement.
 - 24/7/365 Coverage for CRC, Haz Mat, Technical Rescue
 - 2015 Responses
 - Haz Mat calls- 20
 - CRC Activations- 9
 - Tech Rescue Calls (rope, search, water rescue)- 7 (can be 42 responses in 1 call record- Memorial day)
 - EOC activations (bad weather, ice, flooding, etc.)- 8



New Employee needs cont.

- Personal Education: 308 hours
 - Maintain Fire Inspector Certification
 - Maintain Fire Investigator Certification
 - Maintain Advanced Fire Fighter Certification
 - Maintain EMT Certification
 - Maintain Haz Mat Certification
 - Maintain Instructor Certification
 - New Threats to prepare to teach team members



In Closing

A standard 52 weeks of 40 hour work week equals 2080 hours per person or 4160 hours for 2 people.

Haz Mat Division normal estimated year of work:
2246 hours per person or 4492 hours for 2 people
or an extra

166 hours per person or 4 extra weeks of work,
with no vacation, sick or holidays added to work
hours needed!!