

HAMPSHIRE FIRE AND RESCUE SERVICE - RISK ASSESSMENT RECORD

| | |
|---|------------------------------------|
| Operational Activity: Electrical Incidents | Service Reference: SO/7/6/7 |
| PDA: 2 pumping appliances | GRA 5.1 |

| <i>Task/Description</i> | <i>Hazard/Risk</i> | <i>Level of Risk</i> | <i>Risk Groups*</i> | <i>Control Measures</i> | <i>TAP Ref</i> |
|---|-----------------------------------|----------------------|---------------------|--|----------------|
| Rescue of casualty recovery of fatality from electrical apparatus | Electrocution | High | A B C D | <ul style="list-style-type: none"> • All personnel to receive information instruction and training on the hazards i.e. working distances and fire fighting etc associated with electrical apparatus. • Never exceed voltage for rubber gloves/gauntlets ensure dry and in good condition. • If voltage is unknown then equipment must be rendered <u>safe</u>. Pass pole/pylon/transformer etc. identification number to Fire Control • Liaise with power company's authorised person for rescue of fatality's casualties and fire fighting. • The power company's authorised person prior to personnel being committed for rescue or fire fighting must issue certificate ref '<u>safe to work without restriction</u>' or in emergency or confirm verbally to the Incident Commander that it is safe to approach. • Personnel involved to be kept to a minimum under full supervision (inner/outer cordons) and consider keeping 'Up wind'. • Personnel must not climb any metal tower structure pole manipulate ladders or long objects in close proximity to electrical equipment or overhead lines. • Water or foam must not be sprayed on electrical equipment. • Consider – First Aid (Resus equipment) attendance of Ambulance & post incident health monitoring - decontamination & disposal of clothing. | 2.14 |
| | Sulphur Hexaflouride (cylinders) | Medium | A B C D | | |
| | CO ₂ vaporising liquid | Low | A B C D | | |
| | PCB's | Low | A B C D | | |

| | | | | | |
|---------------|---|--------|---------|--|--|
| Fire fighting | Electrical burns and shocks leading to heart failure. | Medium | A B C D | <ul style="list-style-type: none"> • Isolate electricity supplies and make <u>safe</u>. • Personnel to wear full PPE. • Incident Commander to liaise with authorised person. • If no authorised person is present <u>DO NOT ACT</u> - protect surrounding areas if it is considered safe to do so. • If fixed installation has operated wear BA. • If Sulphur Hexaflouride /PCB's are involved use CPS. • Ensure adequate lighting working space and access. | |
|---------------|---|--------|---------|--|--|

| | | | | |
|------------------|--------------------------|---------------------------|--------------|---------------------|
| Assessor: | Name: K Dales and R Earl | Rank/Post: T/H&S Advisers | Date: 6/2001 | Review Date: 6/2006 |
|------------------|--------------------------|---------------------------|--------------|---------------------|

| | | | | |
|----------------|---------------|---------------------------|----------------------------|-------------|
| *A = Wholetime | *B = Retained | *C = Volunteers/Auxiliary | *D = Non Service Personnel | *E = Public |
|----------------|---------------|---------------------------|----------------------------|-------------|

cehM/Operatio.ra/21 March 2002