

# ADVATEK SYSTEMS INC.

## WORKPLACE

## HOT WORK

## SECTION 16



Updated Jan 13 2014

## **ADVATEK SYSTEMS INC.**

### **HOT WORK**

Advatek Systems Inc. has the following policies pertaining to hot work (welding, cutting, soldering)

- 1) All Hot work must be approved by the customer
- 2) A hot work permit must be completed before performing hot work
- 3) Employees must wear the correct PPE at all times for the job they are performing
- 4) No employee shall commence a welding, cutting, burning or soldering operation unless the employee has thoroughly inspected the entire area surrounding the area around the operation to ensure that all combustible, flammable, or explosive material, dust, gas or vapour has been removed from the area, if possible, or that adequate precautions have been taken to prevent fire or explosion
- 5) Advatek Systems shall not permit any welding, cutting, burning, or soldering operation until the precautions identified have been carried out
- 6) Advatek Systems and the employee shall each ensure that suitable fire extinguishing equipment in good working order is readily available where any welding, cutting, burning or soldering operation or any other allied process using heat application is performed.
- 7) Employees will not perform any welding or torch cutting on site. Welders or Cutters must be provided hiring a certified contractor or using the sites certified personnel.
- 8) Employees are permitted with clearance from the customer to utilize portable hand torches for the purposes of loosening fused equipment for repairs. The Employee must ensure all connections are secure and safe for operation on the torch prior to starting work
- 9) All equipment must be handled and store correctly, and any gas cylinders are to be handled according to WHMIS training.
- 10) Employees shall listen and obey the directions given by the worker performing the hot work, and follow all safety policies and procedures as dictated to them.
- 11) Employees shall be aware of any dangers and work to minimize any possible harm. Such as moving flammable material away from the hot work area should any be noticed by the Employee that may have been missed by the Individual performing the hot work.
- 12) Advatek Systems shall ensure that an employee working in the area and not engaged in a welding, cutting, burning or soldering operation is protected from harmful radiation by providing adequate screening around the operation or by preventing the employee's entry to the area where the operation is being conducted.
- 13) Advatek Systems does not permit its employees to work on any containers that would have housed explosive or flammable substances
- 14) Employees will ensure connections between the cylinder, hose, and regulator are inspected and tested for leaks before operation

- 15) Advatek Systems Inc. and employees shall ensure that a portable compressed gas container is stored:
- a. in a well ventilated and dry storage area where the temperature does not exceed 52°C,
  - b. with containers grouped by types of gas and the groups arranged to take into account the gases contained,
  - c. with full and empty containers in separate areas, and
  - d. secure and upright.
- 16) Advatek Systems Inc. and employees shall each ensure that a portable compressed gas container:
- a. is not stored near readily ignitable substances,
  - b. is kept at a safe distance from all operations that produce flames, sparks, or molten metal or result in excessive heating of the container,
  - c. is not exposed to corrosive materials or corrosion-aiding substances, and
  - d. is protected from falling and from having heavy objects fall on it