

# ADVATEK SYSTEMS INC.

## Section 9

# CONFINED SPACES



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### **CONFINED SPACES**

The following are the processes and procedures Advatek Systems Inc. employees will follow while working in a confined space.

#### **9.0 References**

[New Brunswick General Regulation Part XVII Sec 263 - 275](#)

#### **9.1 Pre work Assessment**

Advatek Systems requires that employees who will be working in a confined space assess the state of the confined space to ensure that there are not dangers present due to structure, equipment or wildlife. Employees are also required to notify management that they will be working in a confined space on a job site. All required PPE and rescue PPE must be made not of at this time.

#### **9.2 Requirements**

Advatek Systems requires that any one working in a confined space be accompanied by another competent person when working in a confined space, this person is NOT to enter the confined space. Several tests must be taken and documented to ensure that the confined space is safe to enter.

#### **9.3 Safe Entry Guidelines**

Advatek Systems Requires the following criteria are met & maintained while working with in the confined space

- Concentration of airborne chemical agents or airborne dust does not exceed 50% of its lower explosive limit
- Percentage of Oxygen in the atmosphere must be between 19.5% and 23%
- Above mentioned specs must be maintained during work in the confined space
- All electrical equipment with in the contained space be turned off and locked out.
- Any substances in which the employee may be hindered, stuck or drowned in must be removed
- Any hazardous substances must be removed accordingly
- Create an entry ticket

If any of the above criteria are not met or range out side the accepted limits anyone working with in the confined space must exit immediately and wait for the above criteria to be met once again.

#### **9.4 Confined Space Entry Ticket**

Advatek System require that an entry ticket be created before working in a confined space. This ticket consists of

- Results of the atmospheric testing
- Evaluation of the hazards within the confined space
- Entry and Exit procedure for the confined space
- What Personal Protective Equipment is to be used
- Emergency plan of action
- What emergency gear is required in case a rescue is needed.
- Signed by Competent Person and Tech performing confined space work
- If the environment fails its test while occupied it must be noted on the ticket

#### **9.5 Training**

Advatek Systems requires employees receive training for working in confined spaces. Only those employees with the Confined Spaces training on their Advatek System work ticket may do confined spaces training. This training can be done either in an Advatek System training session, Advatek approved external program, or customer training requirements. If it is achieved outside an Advatek Systems training session documentation must be copied and placed into the employee's file. Both the tech and the competent person must have this training.

#### **9.6 Respiratory Hazards**

Advatek Systems requires that the confined space be ventilated sufficiently to provide a safe work environment for the duration of the work. If ventilation is not feasible then the use of supplied air respirators must be enforced.