SFJ L2 Certificate in Fire Sprinkler Installation – Proposed Video Evidence required

1)Identify checks required to ensure sprinkler system can be installed.

In this section I am looking for a short video of you showing you:

A) looking at the installation drawing and verbally telling me that this is the drawing which you will be following during the Installation.

B) Also, you can show that the materials are on site and that there is access for safe working access platforms etc.

C) That you have checked and that there are no issues with access to the area you are going to carry out the work in.

2) Comply with health and safety requirements, relevant statutory regulations, and industry standards/codes of practice always.

In this section I am looking for a short video of you:

A) looking at the safety signs on site.

B) Tell me verbally that you have had a site induction covering all usual points including health and safety.

C) That there is a daily team safety briefing before you start work and that you comply with Risk Assessments and Method statements which may be in your fitter pack or note book etc.

3) Carry out checks to ensure the sprinkler system can be installed.

In this section I am looking for a short video demonstrating the candidate:

A) Walking around the site looking for any potential obstruction to you safely installing your pipework,

B) you should state verbally that you are looking for things like debris on the floor, electrical trays, overhead beams etc. (There may not be any obstructions, but you are checking before you start work.)

**4)** Identify Personal Protective equipment.

In this section I am looking for a short video you wearing:

1. all aspects of 5 point PPE
2. Hard hat
3. Eye protection
4. High Visibility Vest
5. Gloves
6. Steel toe caped boots

**5)** Explain how to prepare work environment in preparation for installation of sprinkler system.

In this section I am looking for a short video showing you:

1. Walk round of your work area.
2. Is it tidy?
3. Are your materials safely stored and accessible for use?
4. Have you identified any obstacles that may be in your way prior to installation which are associated with the pipework installation or you carrying out your duties?

SECTION 3

8) Comply with health and safety requirements, relevant statutory regulations, and industry standards/codes of practice at all times.

In this section I am looking for a short video demonstrating:

1. That all other trades have been informed that you will be working overhead. You can tell me this verbally or you can show the “Gant Chart” this is a chart which will show what trades are on site at any time and effectively working in association with yourself.
2. Has access equipment been visually checked? You should video yourself visually inspecting the access equipment before you use it and show the safety tag on the access equipment is up to date. (Please make sure tag is in date)
3. Is your work area/access equipment barriered off? The video should show that your work area is barriered off.

Pipework

These videos must be for both steel and plastic pipes. Please ensure that you have the correct PPE on and that these operations should be carried out by the book. For example, it's like sitting your driving test compared to the way you drive today.

**12)** Select equipment for the task.

Select all the tools for a specific job:

I am looking for a short video demonstrating that you have selected the correct tools for the job, allowing it to be completed in one operation. For example: cutters, Stilson's, impact gun, level, spanners etc.

**13)** Carry out checks on installation materials.

A short video demonstrating you:

1. Checking the sprinkler heads are undamaged and protected by covers?
2. Checking pre-fab threads are not damaged
3. Checking plastic pipe is free from scratches
4. Checking glue is within its use by date, and that it takes longer to set in cold conditions, etc.……

**14)** Select equipment for the task.

Do not do a video for this one. If you have provided a video for question 12, for both steel and plastic pipe, this will cover this question.

**15)** Carry out checks on installation materials.

Do not do a video for this one. If you have provided a video for question 13, for both steel and plastic pipe, this will cover this question.

**16)** Use equipment in line with manufacturers or organisational instructions.

Here I am looking for a short video demonstrating you:

1. Using the threader/machine correctly.
2. Using cutters correctly.
3. Properly grooving steel pipework.
4. Using glue as per instructions check date and tell me it takes longer to set in cold conditions.

**17)** Carry out installation under supervision.

A short video of you being filmed carrying out a small installation.

**18)** Describe problems that can occur during installation.

A short video of you talking about/showing:

1. Glue is taking a long time to cure in cold environments.
2. Installation materials having defects, damaged threads scratches on plastic pipe etc. Hopefully there are no faults, but you must tell me you are checking for them.
3. Tell me that you are taking care not to disturb existing joints when doing system extensions.
4. Obstruction from other services and how you have overcome them.

**19)** Describe how to identify faults after installation

A short video of you talking about/showing:

1. Visual Inspection.
2. Air test
3. Tightness testing

**20)** Rectify identified Pipe faults.

A short video of you talking about/demonstrating:

1. Removing a protective cap from a head.
2. Tightening back nut on a bracket.
3. Repairing leaking joint.
4. Replacing incorrect head.
5. Altering pipework should it not match design drawing. Incorrect support spacing etc…..

**21)** Explain the importance of conducting a system integrity test.

A short video of you talking about/demonstrating:

1. Consequences of charging a system without prior testing, (practical and financial implications….)

Management. You may not be able to provide videos for this section as it may be out with your remit so, you can cover most points with the lecturer during your professional discussion.

**22)** Explain limits of responsibility within own role.

A short video of you telling me what you are responsible for on site:

Are you responsible for:

1. the teams site safety?
2. First/Second fix?
3. Managing material needs?
4. Pressure testing?

**23)** Explain limits of authority within own role when dealing with problems.

A short video explaining in what circumstance you would need to go higher to get a problem resolved.

**24)** Explain who to report to when problems are beyond limits of own authority.

A short video explaining who would you report to if there was a problem on site and how would it be resolved?

**25)** Identify handover procedure for completion of work.

1. What is the general process for handing over the job?
2. What is involved in the testing procedure and associated paperwork?

**26)** Complete handover procedure to confirm completion of work.

If possible, a video of the job being handed over to the client. If this is not possible, this can be covered in your professional discussion.