Assessment Requirements for ICPSCP215 Prepare screen

Release: 1

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Modification History

Release	Comments
Release 1	This version first released with ICP Printing and Graphic Arts Training Package Version 1.0.

Performance Evidence

Evidence of the ability to:

- select TWO different screen frame types, either fixed or microchase, stretch and fix mesh as appropriate and prepare screen for stencil application, according to manufacturer and job specifications, enterprise procedures and work health and safety (WHS) requirements.

Note: If a specific volume or frequency is not stated, then evidence must be provided at least once.

Knowledge Evidence

To complete the unit requirements safely and effectively, the individual must:

- explain why a frame is needed and how a particular frame is selected
- list the tools needed to prepare the frame surface
- describe what to look for to achieve a good surface for mesh adhesion
- list different mesh types and explain what type of job each mesh type would be suited to
- describe common flaws or imperfections in screen mesh, how to identify them and what to do about them
- explain techniques used to minimise wastage when cutting mesh
- explain the position that the mesh is placed in before tensioning
- explain the methods of pre-stretching the mesh prior to securing it
- describe how tension is measured
- describe the various methods of fixing mesh to frame
- identify the pre-tensioning techniques that can be used
- describe the methods for converting screen mesh chemically and mechanically
- explain the method used to identify the mesh on a screen
- describe the ideal conditions for storing screens
- identify manuals, safety and other documentation relevant to this task, where they are kept and the information included in these documents.

Assessment Conditions

Gather evidence to demonstrate consistent performance in conditions that are safe and replicate the workplace. Noise levels, production flow, interruptions and time variances must be typical of those experienced in the screen printing field of work and include access to:

- chemicals
- tools and equipment
- mesh
- frames.

Assessors must satisfy NVR/AQTF assessor requirements.

Links

Companion Volume implementation guides are found in VETNet - https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=a74b7a0f-a253-47e3-8be0-5d426 e24131d