



Learning, Development & SKILLS Training

Delivering Best Practice Training for HVACR Industry Performance

SERVICE TECHNICIAN TRAINING COURSE OUTLINE

Title:	City & Guilds 2078 (001/002) Handling Refrigerants assessment
Type:	Theoretical Lecture and Interactive Workshop
Duration:	2 day (refresher training then assessment) Start time 08.30hrs, Close 16.30hrs.
Target Group:	Those responsible for handling, transporting, charging and recovering HFC & HC refrigerants.
Learning Objectives:	<p>Define the Environmental Protection Act Section 33 & 34.</p> <p>Explain the health & safety legislation relating to the use, transportation & disposal of refrigerants.</p> <p>Understand the correct pressure testing (EN378) and evacuation procedures.</p> <p>Identify the principle components of a vapour compression refrigeration system and explain principles of Saturation, Superheat & Sub-cooling.</p> <p>Understand and define azeotropic & zeotropic (GLIDE) refrigerant characteristics.</p> <p>Identify the risks associated with recovering and charging refrigerants.</p> <p>Establish and demonstrate the safe use of refrigerant charging and recovery tools.</p> <p>Define the process for carriage of hazardous materials.</p>
Notes:	Workbook and written assignment are provided in advance.
Location Options:	i. The Le@rning Centre, Golbourn. ii. Site
Assessment Procedures:	C&G assessment requires; observation of practical recovery and charging process, a written knowledge test and an oral questioning will be carried out.
Qualification	Proven competency delivers a City & Guilds 2078 (001-002) Certificate.
Cost:	£280 pp (training, assessment (experienced technicians) including certificate). £180 pp assessment only
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