

WORKING PRESSURE

This publication is produced by Espress Test, the leading independent supplier of compliance solutions for the coffee trade.

Brand new equipment

The Health and Safety Executive (HSE) states:

"The duties imposed by Pressure System Safety Regulations relate to pressure systems for use at work and **the risk to health/safety**.

The aim of these Regulations is to prevent serious injury from the **hazard of stored energy** as a result of the failure of a pressure system or one of its component parts.

Before using any qualifying pressure equipment (new or otherwise), a written scheme of examination (WSE) must be in place, and an examination undertaken."

You aren't necessarily covered

The 'certificate' received with new equipment is the Declaration of Conformity as required by the Pressure Equipment Directive (PED) and has little relevance to compliance with Pressure System Safety Regulations (2000).

This means, without an inspection completed using a Written Scheme that is compliant with the Pressure System Safety Regulations, your equipment is not covered under UK Law.

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Health & Safety Executive (HSE)

What we can offer

Espress Test can supply industry professionals with an installation safety checklist for the installation engineer to complete so that a WSE and Installation Report can be in place for the customer from first use.

In most cases this would cost less than £10 per machine



Safety First

Are you sure that your equipment is safe? Is it regularly maintained? Are all issues rectified quickly?

A Scottish energy company was fined after a worker was seriously scalded at Longannet Power Station in Alloa.

Although this was not an incident with an espresso machine, scalds due to inadequate maintenance of an espresso machine are a very real hazard.

"This case has highlighted the importance for every employer of ensuring that systems are in place for maintaining work equipment in a safe condition, efficient working order and in good repair."

Fiona MacNeill
HSE Principal Inspector

Would you like that black or sparkly?

The environmental impact on espresso machines

We're not talking about pandas and rainforests, we're talking about the many and varied environments that we find espresso machines in around the UK!

A bit of science

One of our engineering inspectors was surprised to see that the boiler of this machine was black. It hadn't been spray-painted. These were the workings of science.

This machine was installed in the same building as a chlorinated swimming pool. The chlorine gas in the air (that makes that swimming pool smell) reacted to the hot copper on the boiler and turned it this colour!

This is not a reason to fail a machine - it is just a surface reaction and doesn't effect the integrity of the vessel.



A bit of pizzazz

Here is a sparkly boiler! This is not the doings of a fairy with a penchant for graffiti, but some creative bakers!

It made our engineer scratch his head a little when he opened up the machine. But when he saw the bakers spraying their cakes with edible glitter spray, it clicked!

Whilst this is also surface staining, the sticky spray had caused the safety valve to malfunction. It's a good job we carry a good stock of safety valves, so we can replace a faulty one to avoid issuing a fail!

The bakers now spray their cakes in a different room!



Beauty is in the eye of the beholder

We've been following Gill's progress in how to create latte art:



"Things have been extremely busy at Espress Test HQ, so I haven't been able to book in latte art training yet. Although I haven't had much time to practice I finally feel like it's all starting to make sense. I've been taking pictures of my journey and this is about the 50th latte I've made. I'm hoping you can see an improvement since last time!"

Gill Swift, UK Operations Manager

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