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Television Recycling first in NW, first in World

UK recycling and research company Nulife Glass has resolved the recycling problem of how to extract lead from the glass in waste televisions and is opening its first industrial plant in Irlam, near Manchester. The pioneering company will be taking on more than 30 people of varying skills during the coming weeks including industrial electricians, team leaders, office staff and at least 8 people to carry out the therapeutic role of smashing TVs!

The UK, Europe and USA are awash with discarded TV screens because new legislation means we must recycle and not landfill. Until now there has been no long term solution to recycling TVs as there was no way to safely recover the lead content in the glass that makes the Cathode Ray Tube (CRT) through which the picture is created in the older style televisions.

Nulife Glass can successfully recover the lead, approximately 1Kg per screen, from within the glass structure and also produce a usable glass feedstock making the recycling process 100% efficient. Until now the only option for the toxic waste glass has been to ship small quantities overseas to be made into new CRT televisions, but these have all but ceased to be made as the manufacturing plants shut down in favour of the flat plasma and TFT screens and so this solution arrives just in time.

The recycling plant being built in Irlam by Nulife Glass during December consists of a unique, emission-free furnace technology, which is described as “glass making in reverse” by the inventor of the process, Simon Greer. The discovery to how the lead could be extracted from the glass on an industrial scale came after years of trials, stubbornness and a constant belief the goal could be achieved. In January, the company will be ready to show the equipment in full flow with both molten lead and glass pouring from the furnace’s separate discharge points. Many companies from around the world have already booked early viewing appointments with a view to buying plant from the company and taking advantage of being first to market with this innovative technology in their own countries.

Notes:

Further details of the product, company and process can be accessed at www.nulifeglass.com

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